

CITY OF PENSACOLA, FLORIDA

MAYOR- GROVER C. ROBINSON IV



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FEBRUARY 2020

LANGLEY AVENUE ROUNDAABOUT

ISSUE FOR BID



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Architects Engineers Surveyors
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MOTT MACDONALD PROJECT NO.100054-004

Rev	Date	Drawn	Description	Ch'k'd	App'd
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MOTT
MACDONALD

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Client
City of Pensacola

Title
Langley Avenue Roundabout

COVER SHEET

ISSUE FOR BID

Kevin M. Morgan, P.E.
Florida License No. 71350

Date

Project Number 100054-004			B/O		Total	
Designed G. EDWARDS			Eng check K. MORGAN			
Drawn G. EDWARDS			Coordination N. TUCKER			
Dwg check			Approved K. MORGAN			
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GENERAL NOTES:

1.

THE CONTRACTORS SHALL NOTIFY THE CITY DESIGN ENGINEER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.
2.

THE CONTRACTOR SHALL ONLY BE PERMITTED TO WORK FROM 7 AM TO 5 PM MONDAY THROUGH FRIDAY. WEEKEND WORK SHALL NOT BE ALLOWED UNLESS APPROVED BY THE CITY.
3.

ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE CITY OF PENSACOLA ENGINEER SHALL BE COMPLIED WITH IN EVERY DETAIL.
4.

ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE CITY ENGINEER OR DESIGNEE.
5.

THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING SILT FENCE AND/OR STAKED HAY BALES AS REQUIRED BY FDOT, THE FLORIDA STORMWATER, EROSION, AND SEDIMENT CONTROL INSPECTOR'S MANUAL, LATEST EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNEE.
6.

ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7.

THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND BECOME FAMILIAR WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.
8.

IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED DURING CONSTRUCTION. ALL PUBLIC OR PRIVATE CORNER MONUMENTATION SHALL BE PROTECTED. IF A PUBLIC OR PRIVATE CORNER MONUMENTATION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY CITY OF PENSACOLA HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS ARE DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF THE MONUMENTS AND HAVE THE MONUMENTS POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.
9.

EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
10.

THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE CITY ENGINEER OR DESIGNEE.
11.

EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
12.

ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE CITY OF PENSACOLA TECHNICAL SPECIFICATIONS, LATEST EDITION.
13.

ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE CITY OF PENSACOLA TECHNICAL SPECIFICATIONS, LATEST EDITION.
14.

ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS.
15.

EXISTING STREET AND ROAD NAME SIGNS ON THE PROJECT SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES. ALL OTHER EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE TAKEN DOWN AND STOCKPILED WITHIN THE R/W LIMITS BY THE CONTRACTOR AS DIRECTED BY THE CITY ENGINEER OR DESIGNEE. ANY EXISTING SIGNS THAT ARE TO BE RELOCATED AND ARE DAMAGED BEYOND USE BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
16.

CONTRACTOR SHALL COMPLY WITH ALL F.D.E.P. REQUIREMENTS.
17.

VEGETATION ON R/W AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.
18.

MAINTENANCE OF TRAFFIC AS PER FDOT STANDARD PLANS.
19.

DEWATERING SHALL BE A SUBSIDIARY OBLIGATION OF REGULAR EXCAVATION.
20.

REMOVAL OF ALL DEBRIS INCLUDING BUT NOT LIMITED TO TREES, SHRUBS, VEGETATION, CONSTRUCTION MATERIALS, SEDIMENTATION DEPOSITS IN CHANNEL, ETC. SHALL BE SUBSIDIARY TO CLEARING AND GRUBBING.
21.

THE CONTRACTOR AND ALL SUBCONTRACTORS, HEREINAFTER REFERRED TO AS "CONTRACTOR", SHALL HAVE SOMEONE TO RECEIVE CALLS AND DISPATCH PROPER PERSONNEL AND EQUIPMENT ON A TWENTY-FOUR (24) HOUR BASIS FOR EMERGENCIES.
22.

THE CONTRACTOR SHALL FURNISH ALL EQUIPMENT AS REQUIRED TO ACCOMPLISH THE SPECIFIED WORK.
23.

THE CONTRACTOR IS ADVISED NOT TO SCALE FROM DRAWINGS BUT TO FIELD VERIFY ALL DIMENSIONS. THE DIMENSIONS OF SPECIFIED AND FURNISHED PRODUCTS AND MATERIALS TAKE PRECEDENCE OVER DIMENSIONS AND NOTES SHOWN ON THE DRAWINGS.
24.

ALL ASPECTS OF THE STORM WATER, DRAINAGE AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION.
25.

NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE DESIGN ENGINEER, AND CITY OF PENSACOLA. ANY DEVIATIONS MAY RESULT IN DELAYS IN CITY OR OWNER ACCEPTANCE OF IMPROVEMENTS.
26.

THE CONTRACTOR SHALL NOTIFY CITY OF PENSACOLA 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE CITY'S ROADWAY R/W.
27.

BURNING SHALL NOT BE PERMITTED ON SITE OR WITHIN CITY LIMITS.
28.

CONTRACTOR SHALL COMPLETE ALL WORK INDICATED IN CONSTRUCTION DOCUMENTS USING HAND LABOR IF NECESSARY OR APPROPRIATE.
29.

ANY IRREGULARITIES IN THE SURFACE, RESULTING FROM THE TOP SOILING OR OTHER OPERATIONS, SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
30.

CONTRACTOR SHALL COORDINATE WITH THE CITY PRIOR TO THE REMOVAL OF ANY TREES. CONTRACTOR TO PROVIDE TEMPORARY PROTECTION TO TREES TO REMAIN. FOR ANY TREE SHOWN TO REMAIN THAT IS DAMAGED BY THE CONTRACTOR'S FORCES, THE CONTRACTOR SHALL PAY THE CITY OF PENSACOLA THE SUM OF \$150.00 PER INCH DIAMETER OF TREE THAT IS DAMAGED.
31.

CONTRACTOR SHALL HAUL AWAY ALL DEBRIS AND DISPOSE OF OFF-SITE IN A LEGAL AND RESPONSIBLE MANNER.
32.

TRENCHING AND GRADING AROUND TREES WHICH ARE TO REMAIN SHALL BE AWAY FROM THE TREE IN A MANNER TO CAUSE NO DAMAGE TO THE TREE.
33.

CONTRACTOR IS TO MAINTAIN SODDING AND GRASSING BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING, AND OTHER OPERATIONS, SUCH AS ROLLING, RE-GRADING, AND RE-PLANTING AS REQUIRED TO ESTABLISH GRASSED/SODDED AREAS FREE OF ERODED OR BARE AREAS AND REPLACE ANY REJECTED MATERIALS OR WORK, AND CONTINUE MAINTENANCE UNTIL ACCEPTED. REMOVE ANY REJECTED MATERIALS PROMPTLY FROM THE SITE. CONTRACTOR IS TO INCLUDE COST OF MAINTAINING SODDING AND GRASSING IN HIS BID.
34.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING MATERIAL DOES NOT SPILL, LEAK, OR FALL FROM

- TRUCKS HAULING MATERIAL TO OR AWAY FROM THE SITE, INCLUDING MATERIAL FALLING FROM TIRES. SHOULD THE STATE, THE CITY OR COUNTY REQUIRE SWEEPING AND CLEANING OF ROADWAYS DUE TO THE ABOVE, THE SAME SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ANY FINES DUE TO THE ABOVE.
35.

THE LOCATION OF THE CONTRACTOR'S MATERIAL AND EQUIPMENT LAY-DOWN AREA SHALL BE APPROVED BY THE CITY PRIOR TO SECURING SUCH ARRANGEMENTS, AS DIRECTLY RELATED TO THE PROJECT. THE LAY-DOWN AREA SHALL BE COMPLETELY SECURED UTILIZING TEMPORARY 6' CHAIN-LINK CONSTRUCTION FENCING WITH LOCKED GATES AND PROPER EROSION CONTROL BARRIER, AS NECESSARY, AND SHALL BE KEPT IN A NEAT AND UNIFORM MANNER AT ALL TIMES. AS DETERMINED BY THE CITY. ONLY MATERIALS AND EQUIPMENT DIRECTLY REQUIRED TO FACILITATE THE CURRENT PROGRESS OF THE PROJECT CONSTRUCTION SHALL BE STORED IN THE LAY-DOWN AREA AT ANY GIVEN TIME.
36.

CONTRACTOR SHALL RESTORE ALL STAGING AREAS TO AS GOOD OR BETTER CONDITION THAN EXISTED PRIOR TO CONSTRUCTION. THIS INCLUDES IRRIGATION AND SOD REPLACEMENT IF NECESSARY. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 20 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE. CONTRACTOR SHALL LOCATE AND PROTECT ANY IRRIGATION SYSTEMS IN THE STAGING AREA AND REPAIR ANY DAMAGE AT NO COST TO THE CITY.

CONTRACTUAL NOTES:

1.

THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COORDINATION OF ALL CONSTRUCTION SCHEDULES. ALL COSTS INCURRED BY THE CONTRACTOR FOR THE COORDINATION EFFORTS WILL BE INCIDENTAL TO EXISTING PAY ITEMS.
2.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS, ALL APPROVED PERMITS, AND THE REQUIREMENTS AND STANDARDS OF ALL GOVERNING AUTHORITIES.
3.

DRAWING GEOMETRY, INCLUDING ALL DIMENSIONS GIVEN, IS APPROXIMATE AND DOES NOT PURPORT TO BE ABSOLUTELY CORRECT. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS WHICH WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS SHALL BE BASED.
4.

ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.THE LOCATIONS OF NEW UTILITIES AND STRUCTURES SHOWN ARE APPROXIMATE. FINAL PROJECT LOCATION MAY REQUIRE FIELD ADJUSTMENT BY THE ENGINEER UPON THE CONTRACTOR'S VERIFICATION OF ALL UTILITIES.
5.

IN NO CASE SHALL THE CONTRACTOR RECEIVE ADDITIONAL COMPENSATION TO FINAL GRADES AND LINES ADJUSTMENTS MADE DUE TO THE LOCATION OF EXISTING UTILITIES.
6.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY HIS WORK OPERATIONS TO EXISTING FACILITIES TO REMAIN.
7.

THE CONTRACTOR, AT HIS EXPENSE, MAY TAKE ADDITIONAL TEST BORINGS AND EXPLORATORY INVESTIGATIONS PRIOR TO BIDDING AND DURING THE LIFE OF THE CONTRACT. COORDINATION WITH THE ENGINEER IS REQUIRED.
8.

THE CONTRACTOR SHALL FIELD VERIFY EXISTING UTILITIES, (SIZE, MATERIAL OF CONSTRUCTION, ELEVATION, ETC.) TO HIS SATISFACTION.
9.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BECOME FAMILIAR WITH THE OSHA EXCAVATION SAFETY STANDARDS AND TO ABIDE BY THEM.
10.

THE CONTRACTOR AND FOREMAN ASSIGNED TO THIS PROJECT SHALL ATTEND A MANDATORY PRE-CONSTRUCTION MEETING PRIOR TO COMMENCING WORK.
11.

WHEN THE CONTRACT DOES NOT INCLUDE A PAY ITEM FOR A REQUIRED EFFORT, PERFORMANCE OF SUCH EFFORT IS CONSIDERED AN INCIDENTAL (LABOR AND MATERIAL) TO THE MAIN EFFORT. PAYMENT FOR SUCH ITEM SHALL BE INCLUDED IN THE MOST APPLICABLE PAY ITEM.
12.

PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AGENCIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SECURE AND ABIDE BY ALL REQUIREMENTS OF NPDES AND/OR DEWATERING PERMITS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PERFORM ANY INSPECTION OR TESTING REQUIRED TO SECURE AND/OR MAINTAIN COMPLIANCE WITH NPDES OR DEWATERING PERMITS.

SIGNING & TRAFFIC NOTES:

1.

LOCAL RESIDENTS WITHIN THE AREA OF CONSTRUCTION SHALL HAVE ACCESS TO THEIR PROPERTY DURING ALL STAGES OF CONSTRUCTION.
2.

THE CONTRACTOR SHALL MAINTAIN THRU TRAFFIC ON EXISTING STREETS AT ALL TIMES BY USING ADEQUATE FLAG MEN AND BARRICADES.
3.

ALL SIGNS, BARRICADES, MARKERS, TRAFFIC CONTROL AND WARNING DEVICES, ETC. SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC AND CONTROL DEVICES", AT NO ADDITIONAL COST TO THE OWNER.
4.

THE CONTRACTOR SHALL MINIMIZE THE OCCURRENCE AND DURATION OF ROAD CLOSURES AND SHALL CONDUCT HIS OPERATIONS IN SUCH A MANNER AS TO CAUSE THE LEAST POSSIBLE DISRUPTION TO TRAFFIC.
5.

THE CONTRACTOR SHALL ADJUST THE LOCATION OF ANY SIGN WITHIN THE PROJECT LIMITS TO ENSURE PROPER VISIBILITY.
6.

WHEN DIRECTED BY THE ENGINEER, EXISTING STREET AND ROAD NAME SIGNS WITHIN THE PROJECT VICINITY MAY BE TEMPORARILY RELOCATED DURING CONSTRUCTION AND KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLE TRAFFIC.
7.

THE CONTRACTOR SHALL MAINTAIN TRAFFIC DURING CONSTRUCTION ON ALL STATE, COUNTY, CITY & PRIVATE ROADS IN ACCORDANCE WITH SECTION 102, STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, FDOT (LATEST EDITION).

SURVEYING NOTES

1.

GRADES SHOWN ARE FINISHED GRADES.
2.

ANY BENCHMARKS OR MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED, UNLESS OTHERWISE NOTED IN THE PLANS.
3.

ALL ELEVATIONS SHOWN ON THE PLANS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988.
4.

THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO REFERENCE AND RESTORE PROPERTY CORNERS AND LAND MARKERS WHICH MAY BE DISTURBED BY CONSTRUCTION. RESTORATION OF PROPERTY CORNERS AND LAND MARKERS DISTURBED DURING CONSTRUCTION SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
5.

THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING & FOR TRANSFERRING AN ADEQUATE NUMBER OF BENCHMARKS TO CONSTRUCT THE PROJECT TO THE LINE & GRADES SHOWN ON THE PLANS.
6.

THE CONTRACTOR IS RESPONSIBLE FOR EFFECTIVE CONSTRUCTION LAYOUT & STAKING AS NECESSARY TO

CONSTRUCT THE PROJECT ACCORDING TO THE LINES & GRADES AS SHOWN.

Rev	Date	Drawn	Description	Ch'k'd	App'd
<div><div><div>M</div><div>M</div><div>MOTT MACDONALD</div></div><div>Mott MacDonald Florida, LLC. 220 West Garden Street Suite 700 Pensacola, FL 32502 United States of America T +1 (850) 484 6011 www.mottmac.com/americas</div></div>					
Architects		Engineers	Surveyors		
AA - C0000035		EB - 0000155	LB - 0006783		

Client

City of Pensacola

Title

Langley Avenue Roundabout

GENERAL NOTES

ISSUE FOR BID

Kevin M. Morgan, P.E.

Florida License No. 71350

Date

Project Number

100054-004

B/O

Total

Designed

G. EDWARDS

Eng check

K. MORGAN

Drawn

G. EDWARDS

Coordination

N. TUCKER

Dwg check

Approved

K. MORGAN

Scale at ANSI D

NTS

Status

PRE

Rev

P1

Security

STD

Drawing Number

C-002

User Name: ehw5974
Time Stamp: Feb 13, 2020 - 11:15:54AM
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UTILITY NOTES:

1.

THE LOCATION SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.
2.

THE CONTRACTOR IS ADVISED THAT EXISTING OVERHEAD AND UNDERGROUND UTILITIES SUCH AS (BUT NOT LIMITED TO) ELECTRICAL LINES AND POLES, TELEPHONE CABLES, TELEVISION CABLES, GAS LINES, WATER LINES, AND SANITARY SEWERS MAY EXIST IN THE CONSTRUCTION LIMITS WHERE THE PROPOSED IMPROVEMENTS ARE REQUIRED. UTILITY FACILITIES SHOWN ON THE PLANS ARE APPROXIMATE LOCATIONS (NOT SCALEABLE) AND DO NOT INCLUDE SERVICE LOCATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING & PROTECTING EXISTING UTILITIES DURING THE PERFORMANCE OF WORK TO BE INSTALLED UNDER THIS CONTRACT. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES, PROBE OR EXPOSE THEM BY HAND EXCAVATION, AND FOLLOW ALL APPLICABLE OSHA REGULATIONS AT NO COST TO THE OWNER. FAILURE OF THE PLANS TO SHOW THE EXISTENCE OF ANY UNDERGROUND UTILITIES, STRUCTURES, ETC., SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF LOCATING, PRESERVING & PROTECTING SAID UTILITY OR STRUCTURES.
3.

THE CONTRACTOR SHALL FIELD LOCATE AND INCLUDE CONSIDERATION OF EXISTING UTILITIES IN PLANNING AND PRIOR TO EXECUTION OF WORK. THE LOCATION OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON INFORMATION PROVIDED BY THE UTILITIES AND SHALL BE CONSIDERED APPROXIMATE. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO THE STARTING OF CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.
4.

ANY DAMAGE TO EXISTING UTILITIES CAUSED BY THE EXECUTION OF WORK UNDER THIS CONTRACT SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER OR INCREASE TO CONTRACT TIME. THE OWNER DOES NOT ASSUME OR IMPLY TO ANY LIABILITY FOR THE LOCATION, PROTECTION, AND/OR REPAIR OF ANY EXISTING UTILITIES THAT MAY OCCUPY JOINT RIGHT-OF-WAY OR OTHERWISE CONFLICT WITH THE CONSTRUCTION OF THE WORK TO BE INSTALLED UNDER THIS CONTRACT.
5.

THERE SHALL BE NO DIRECT PAYMENT FOR LOCATING, EXPOSING, AND BRACING EXISTING UTILITY LINES WHERE REQUIRED AND SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEM ACTIVITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN TRENCHING IN AREAS NEAR UTILITIES.
6.

UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES.
7.

ALL CABLE DAMAGE MUST BE REPORTED TO THE ATT FLORIDA REPAIR SERVICE DEPARTMENT AT 611 FROM A LAND LINE OR 877-737-2478 IF USING A CELL PHONE.
8.

UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS.
9.

PROVIDE MATTING OVER ALL BURIED PIPELINES TO PROTECT UTILITIES FROM CONSTRUCTION TRAFFIC.
10.

THE OWNER DISCLAIMS ANY RESPONSIBILITY FOR THE SUPPORT & PROTECTION OF SEWERS, DRAINS, WATER PIPES, GAS PIPES, CONDUITS OF ANY KIND, UTILITIES OR OTHER STRUCTURES OWNED BY THE CITY, COUNTY, STATE OR BY PRIVATE OR PUBLIC UTILITIES LEGALLY OCCUPYING ANY STREET, ALLEY, PUBLIC PLACE OR RIGHT-OF-WAY.
11.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR UTILIZING ACCEPTABLE MEANS AND METHODS, AS NECESSARY TO PLACE AND COMPLETELY BACKFILL TO FINISHED GRADE IN A WATER FREE EXCAVATION. THE MEANS AND METHODS OF DE-WATERING THE EXCAVATION SHALL COMPLY WITH ALL REGULATORY REQUIREMENTS FOR TEMPORARY DIVERSION OF GROUNDWATER AND ITS DISCHARGE (INCLUDING FDEP CHAPTER 62-621 "GENERAL PERMIT FOR THE DISCHARGE OF PRODUCED GROUND WATER FROM ANY NON-CONTAMINATED SITE ACTIVITY").
12.

PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS BUILDINGS, SEWER DRAINS, WATER OR GAS PIPES, ELECTRICAL, CONDUITS, POLES, WALLS, POST, ETC. ARE TO BE CAREFULLY PROTECTED AND ARE NOT TO BE DISPLACED UNLESS NOTED.
13.

THE FIBER OPTIC COMMUNICATION LINE TO VERIZON CELLULAR TOWER WILL REMAIN AND SHALL BE PROTECTED. ELECTRICAL SERVICE TO VERIZON TOWER WILL BE RELOCATED. HOWEVER, SERVICE TO THE VERIZON TOWER SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. ACCESS TO VERIZON TOWER SHALL BE MAINTAINED AT ALL TIMES DURING AND AFTER DEMOLITION.

EROSION CONTROL NOTES

1.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT NO MILLET GRASS OR SEED BE USED FOR SEEDING & MULCHING OR SODDING PURPOSE, WHATSOEVER. SHOULD ANY MILLET GRASS OR SEED BE PLACED, IT MUST BE IMMEDIATELY REMOVED BY THE CONTRACTOR AT HIS OWN EXPENSE.
2.

SEDIMENT & EROSION CONTROL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. AREAS OF OFF-SITE DISCHARGE DURING CONSTRUCTION SHALL BE PROTECTED WITH A SEDIMENT BARRIER TO PREVENT OFF-SITE DISCHARGE OF SEDIMENTS. TEMPORARY SEED & MULCH SHOULD BE USED TO CONTROL ON-SITE EROSION WHEN IT IS NOT PRACTICAL TO ESTABLISH PERMANENT VEGETATION. PERMANENT VEGETATION SHALL BE PLACED AS EARLY AS POSSIBLE ON ALL SLOPES. ALL EROSION & SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED IN WORKING ORDER THROUGHOUT THE CONSTRUCTION PHASE.
3.

PRIOR TO CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PREPARE A DETAILED AND COMPREHENSIVE EROSION AND SILTATION CONTROL PLAN THAT COVERS ALL PHASES OF CONSTRUCTION OF THE PROJECT.
4.

EROSION CONTROL PLAN - CONTRACTOR SHALL DESCRIBE IN DETAIL HOW THE CONSTRUCTION EFFORT WILL BE PHASED WITH REGARDS TO MINIMIZING EROSION PROBLEMS BY THE VARIOUS SEQUENCES OF CONSTRUCTION OPERATIONS. ANY MODIFICATIONS TO THIS PLAN MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REPRESENTING THE CONTRACTOR.
5.

SLOPE PROTECTION - ANY DISTURBED OR REWORKED SLOPES SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF TEMPORARY SLOPE DRAINS, TEMPORARY GRASSING, SODDING, OR EROSION CONTROL MATS UNTIL PERMANENTLY STABILIZED.
6.

HAY BALES - THESE SHALL BE PLACED AT THE BASE OF ANY SLOPE WHERE A RAINFALL EVENT COULD ERODE A SLOPE AND TRANSPORT SEDIMENTS. BALES SHOULD BE DOUBLE STAKED IN ACCORDANCE WITH STANDARD INDICES. IF EROSION DEPOSITS REACH 1/4 THE EXPOSED HEIGHT OF EXISTING BALES, THEN SEDIMENTS SHOULD BE REMOVED. ANY DAMAGED OR INEFFECTIVE BALES ARE TO BE REPLACED WITH NEW ONES.
7.

THE CONTRACTOR SHALL USE SEDIMENT AND EROSION CONTROL MEANS/DEVICES INCLUDING BUT NOT LIMITED TO HAY BALES AND SILT FENCES TO PREVENT EROSION AND SEDIMENT TRANSPORT OUTSIDE THE LIMITS OF CONSTRUCTION.
8.

ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION.
9.

CONTROL OF SEDIMENTATION & EROSION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
10.

ON SITES GREATER THAN 1 ACRE, IF GREATER THAN 1 CONTIGUOUS ACRE IS CLEARED, A GROUND COVER SUFFICIENT TO PREVENT EROSION SHOULD BE PLANTED OR OTHERWISE STABILIZED WITHIN 10 WORKING DAYS ON THAT PORTION OF THE SITE UPON WHICH FURTHER ACTIVE CONSTRUCTION WILL NOT BE UNDERTAKEN WITHIN 90 DAYS.
11.

THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL REQUIRED SOIL EROSION AND SEDIMENT CONTROL MEASURES. THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE AND COMPLY WITH A STORM WATER POLLUTION PREVENTION PLAN. THE CONTRACTOR WILL ENSURE THAT EROSION CONTROL IS INSTALLED AND
- MAINTAINED FOR THE DURATION OF THE PROJECT AND UNTIL FINAL PROJECT SITE STABILIZATION IS ESTABLISHED. THE CONTRACTOR WILL ENSURE THAT EROSION CONTROL IS IMPLEMENTED AND MAINTAINED FOR ALL WETLANDS, DITCHES, STEEP SLOPES, STORM WATER INLETS AND OTHER ENVIRONMENTAL AND AESTHETIC AREAS ADJACENT TO THE PROJECT. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATIONS.

12.

THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE CITY ENGINEER AN INSPECTION OF THE EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO CONSTRUCTION, UNDERGROUND DRAINAGE PRIOR TO BURIAL, AND THE FINAL INSPECTION OF THE PROJECT UPON COMPLETION.

13.

CONTRACTOR SHALL PLAN AND PERFORM ALL WORK IN SUCH A MANNER AS TO PREVENT SEDIMENT TRANSPORT/DEPOSITION INTO ADJACENT PROPERTIES AND DRAINAGE SYSTEMS. CONTRACTOR IS ADVISED THAT EROSION CONTROL MEASURES SPECIFIED HEREIN ARE TO BE CONSIDERED MINIMUM INSTALLATION REQUIREMENTS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROVIDE AND MAINTAIN ADDITIONAL MEASURES AS NECESSARY TO PREVENT EROSION AND MAINTAIN SEDIMENT ON SITE AT ALL TIMES.

14.

PLACEMENT OF UNDERGROUND SYSTEMS, IRRIGATION, SEWER, WATER, DRAINAGE, ELECTRICAL, GAS, ETC., SHALL BE COMPLETED PRIOR TO SOD AND LANDSCAPE INSTALLATION.

15.

THE CONTRACTOR SHALL KEEP A STREET SWEEPER ONSITE FOR THE DURATION OF THE PROJECT.
- REGULATORY AND PERMITTING REQUIREMENTS:
1.

THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER OF RECORD AND THE CITY OF PENSACOLA 'AS-BUILT' RECORD DRAWINGS PREPARED BY A LICENSED SURVEYOR FOR VERIFICATION AND APPROVAL BY THE CITY OF PENSACOLA ONE WEEK PRIOR TO REQUESTING FINAL INSPECTION, OR PROVIDE 'AS-BUILT' CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE 'AS-BUILT' CERTIFICATION OR THE 'AS-BUILT' RECORD DRAWINGS MUST BE SIGNED, SEALED & DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.

2.

(LDC 4.02.06.F) FOR PROJECT WITH CONSTRUCTION ACTIVITIES THAT DISTURB GREATER THAN 1 ACRE, OR IS PART OF A LARGER COMMON PLAN OF DEVELOPMENT OR SALE THAT WILL DISTURB GREATER THAN 1 ACRE AND STORMWATER DISCHARGE IS TO THE SURFACE WATER OF THE STATE OR TO A MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4), AN NPDES PERMIT IS REQUIRED. THE CONTRACTOR SHALL SUBMIT COPY OF "NOTICE OF INTENT" SUBMITTED TO FDEP PRIOR TO COMMENCEMENT OF CONSTRUCTION. PROVIDE COPY OF "NOTICE OF INTENT" TO CITY OF PENSACOLA ENGINEERING DEPARTMENT.

3.

TO COMPLY WITH NPDES REQUIREMENTS, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH 1/4" RAINFALL EVENT OR AT LEAST WEEKLY. THE CONTRACTOR SHALL DOCUMENT SUCH INSPECTIONS AND EROSION CONTROL MAINTENANCE EFFORTS; INSPECTION RECORDS SHALL BE PROVIDED TO THE NPDES PERMIT APPLICANT FOR PROPER RECORDING TO FDEP.

4.

CONTRACTOR SHALL BE RESPONSIBLE FOR & COMPLY WITH ANY TESTING REQUIRED BY THE LOCAL GOVERNING AGENCY IN ADDITION TO THE TESTING REQUIREMENTS.

5.

THE DEVELOPER/CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATIONS.

6.

CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH WILL SHOW 'AS-BUILT' CONDITIONS OF ALL WORK, INCLUDING PIPING, DRAINAGE STRUCTURES, TOPOGRAPHY OF PONDS, OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.
- PAY ITEM NOTES:
1.

MAINTENANCE OF TRAFFIC PAY ITEM SHALL INCLUDE ALL ITEMS NECESSARY TO PROVIDE A SAFE WORK ZONE AND SHOULD INCLUDE ALL NECESSARY ITEMS (SIGNAGE, STRIPING, TEMP. PAVEMENT, MESSAGE BOARDS, ETC.) REQUIRED FOR TRAFFIC CONTROL PER FDOT, CITY, AND MUTCD STANDARDS.THE MAINTENANCE OF TRAFFIC PAY ITEM SHALL INCLUDE THE CONTRACTOR DEVELOPING TRAFFIC CONTROL PLANS, SUBMITTING PLANS FOR REVIEW, AND ADDRESSING ANY CITY COMMENTS. THE CITY WILL APPROVE THE TRAFFIC CONTROL PLANS PRIOR TO BEGINNING ANY WORK.

2.

SEDIMENT & EROSION CONTROL PAY ITEM SHALL INCLUDE ALL ITEMS NECESSARY TO PREVENT SITE SOILS FROM BEING DISCHARGED OFFSITE AND MAY INCLUDE, BUT NOT LIMITED TO SILT FENCE, FLOATING TURBIDITY BARRIER, MULCH, HAY, STRAW, TEMPORARY SEEDING OR SODDING, ETC.

3.

ALL PERMITS (ELECTRICAL, HEALTH DEPARTMENT, FDEP, NWFWM, ETC) ASSOCIATED WITH THE CONSTRUCTION OF THE PARTICULAR PAY ITEM.

4.

ANY TESTING AND COORDINATION REQUIRED SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEM.

5.

DEMOLITION SHALL INCLUDE REMOVAL ASPHALT PAVEMENT,REMOVAL OF CONCRETE, SAWCUTTING, TREE REMOVAL, TREE TRIMMING, SIGNAGE, REMOVAL OF CONFLICTING STRIPING/PAVEMENT MARKINGS, AND OTHER MISCELLANEOUS ITEMS SHALL BE INCLUDED IN THE COST OF DEMOLITION/CLEARING AND GRUBBING.

6.

CONTRACTOR REQUIRED TO MEET ALL CITY AND UTILITY REQUIREMENTS FOR PERMITS, INSPECTIONS, DOCUMENTATION, AND OTHER MISCELLANEOUS REQUIREMENTS. ALL COST ASSOCIATED WITH THESE TASK SHALL BE INCLUDED IN THE COST OF THAT PARTICULAR BID ITEM.

7.

ANY UTILITY RELOCATION OR ADJUSTMENT REQUIRED FOR SIDEWALKS, DRAINAGE, GRADING, ETC SHALL BE INCLUDED IN THE COST OF THAT PARTICULAR BID ITEM.

8.

DRAINAGE SHALL INCLUDE DEWATERING IF REQUIRED AS PART OF THE ASSOCIATED DRAINAGE PAY ITEM.

9.

THE IRRIGATION DESIGN AND CONSTRUCTION SHALL INCLUDE THE DESIGN BY A LICENSED LANDSCAPE ARCHITECT AND REVIEWED BY THE CITY. THIS PAY ITEM SHALL INCLUDE THE INSTALLATION OF A NEW WATER WELL, CONTROL SYSTEM, AND ALL MATERIALS NECESSARY TO INSTALL A FULLY OPERATIONAL SYSTEM PER SPECIFICATIONS. THE PAY ITEM SHALL INCLUDE INSTALLATION, PERMITTING OF THE WATER WELL, AND ELECTRICAL SERVICE.

10.

ALL STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

11.

SOD PAY ITEM SHALL INCLUDE SODDING ALL DISTURBED AREAS.

12.

ALL SOD SHALL MATCH EXISTING CONDITIONS.



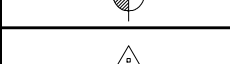

13.

THE 12" RETAINING WALL PAY ITEM SHALL INCLUDE THE STRUCTURAL DESIGN, PERMITTING, AND CONSTRUCTION OF THE RETAINING WALL. CONCRETE COLOR SHALL BE SELECTED AND APPROVED BY THE CITY.

14.

THE BRICK PAVERS FOR PEDESTRIAN CROSSWALKS AND TRUCK APRON WILL BE PROVIDED BY THE CITY. THE BRICK PAVER PAY ITEM SHALL BE INCLUDE INSTALLATION, CONCRETE, BEDDING MATERIAL, SUBGRADE, AND ALL ITEMS NECESSARY TO CONSTRUCT THE PAVERS AS DEPICTED IN THE PLANS. THE COST SHALL INCLUDE THE CONTRACTOR LOADING AND DELIVERING THE PAVERS FROM THE CITY YARD TO THE PROJECT SITE.

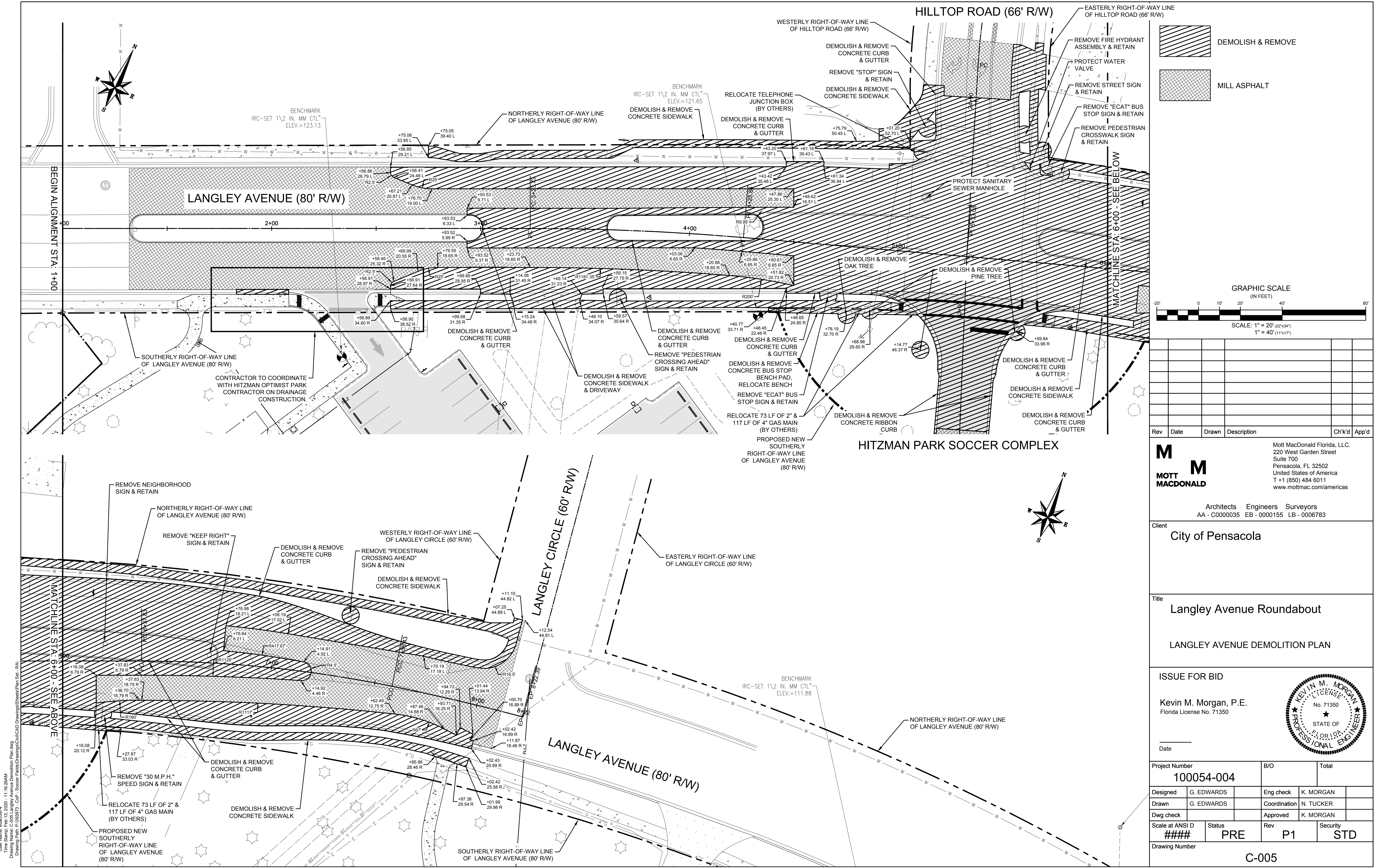
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THE FIRE HYDRANT PAY ITEM SHALL INCLUDE ALL ITEMS NECESSARY FOR THE CONTRACTOR TO INSTALL A NEW HYDRANT TO THE EXISTING WATER SERVICE. THESE ITEMS MAY INCLUDE BUT NOT LIMITED TO A NEW WATER TAP, VALVES, PIPING, HYDRANT, METERS, PERMITTING, COORDINATION, PAVEMENT PATCHING, CONCRETE, ETC.
- | LEGEND | | | |
|---|-----------------------------------|---|-----------------------------------|
|  | EXIST. TELEPHONE WIRE PULL BOX |  | EXIST. IRON ROD & CAP |
|  | EXIST. ELECTRICAL METER |  | EXIST. PIPE/ROD/BAR |
|  | EXIST. POWER POLE |  | EXIST. CONCRETE MONUMENT |
|  | EXIST. LIGHT POLE |  | EXIST. PINE TREE |
|  | EXIST. FLOOD LIGHT |  | EXIST. OAK TREE |
|  | EXIST. WATER VALVE COVER |  | EXIST. MISCELLANEOUS TREE |
|  | EXIST. WATER VALVE |  | EXIST. CONIFEROUS TREE |
|  | EXIST. WATER METER |  | EXIST. SHRUB |
|  | EXIST. WATER FAUCET |  | EXIST. METAL FENCE (AS SPECIFIED) |
|  | EXIST. GUY WIRE ANCHOR |  | EXIST. WOOD FENCE (AS SPECIFIED) |
|  | EXIST. FIRE HYDRANT |  | APPROX. RIGHT-OF-WAY LINE |
|  | EXIST. MAILBOX |  | APPROX. PROPERTY LINE |
|  | EXIST. SINGLE SUPPORT SIGN |  | EXIST. GAS MAIN/SIZE |
|  | EXIST. SEWER MANHOLE |  | EXIST. OVERHEAD UTILITY |
|  | EXIST. STORM MANHOLE |  | EXIST. WATER MAIN/SIZE |
|  | EXIST. CLEANOUT |  | EXIST. FIBER OPTIC CABLE |
|  | BENCHMARK (INFORMATION SPECIFIED) |  | EXIST. BURIED ELECTRICAL |
|  | EXIST. NAIL |  | EXIST. TELEPHONE |
|  | EXIST. CONCRETE AREA |  | EXIST. GRAVEL AREA |
|  | EXIST. ASPHALT AREA |  | EXIST. SAND/DIRT AREA |
| | | | |
|  | PROPOSED ASPHALT AREA |  | PROPOSED SILT FENCE |
|  | PROPOSED CONCRETE AREA | | |
|  | PROPOSED DEMOLITION AREA | | |
- M

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AA - C0000035 EB - 0000155 LB - 0006783
- Client
City of Pensacola
- Title
Langley Avenue Roundabout
- GENERAL NOTES
- ISSUE FOR BID
- Kevin M. Morgan, P.E.
Florida License No. 71350
- Date
- | | | | | | |
|-----------------|------------|--------------|-----------|-------|----|
| Project Number | | B/O | | Total | |
| 100054-004 | | | | | |
| Designed | G. EDWARDS | Eng check | K. MORGAN | | |
| Drawn | G. EDWARDS | Coordination | N. TUCKER | | |
| Dwg check | | Approved | K. MORGAN | | |
| Scale at ANSI D | NTS | Status | PRE | Rev | P1 |
| Drawing Number | | Security | | STD | |
- C-003
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DEMOLISH & REMOVE

MILL ASPHALT

GRAPHIC SCALE
(IN FEET)

20'

0

10'

20'

40'

80'

SCALE: 1" = 20' (22x34")
1" = 40' (11x17")

Rev	Date	Drawn	Description	Ch'k'd	App'd

M

M

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Architects

Engineers

Surveyors

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Client

City of Pensacola

Title

Langley Avenue Roundabout

LANGLEY AVENUE DEMOLITION PLAN

ISSUE FOR BID

Kevin M. Morgan, P.E.
Florida License No. 71350

Scale at ANSI D

####

Status

PRE

Rev

P1

Security

STD

Project Number

100054-004

B/O

Total

Designed

G. EDWARDS

Eng check

K. MORGAN

Drawn

G. EDWARDS

Coordination

N. TUCKER

Dwg check

Approved

K. MORGAN

Scale at ANSI D

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Status

PRE

Rev

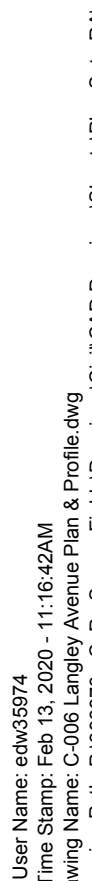
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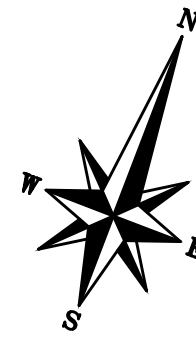
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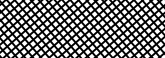
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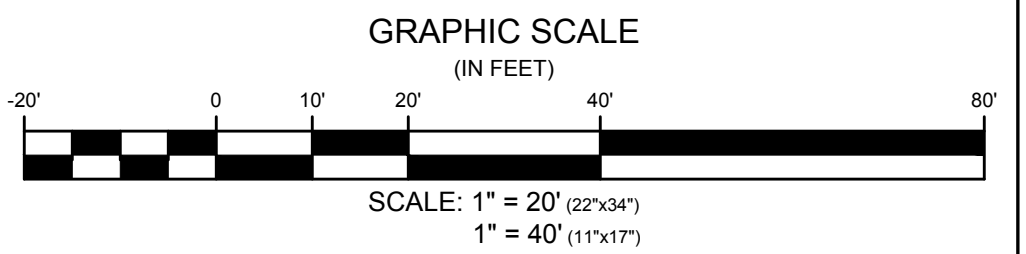


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NEW SUBGRADE, BASE & ASPHALT PAVING FOR ROADWAY
- 

NEW SUBGRADE, BASE & PAVERS/RIBBON CURB FOR PEDESTRIAN CROSSWALK
- 

MILL EXISTING ASPHALT PAVEMENT & OVERLAY WITH NEW ASPHALT

[illegible]

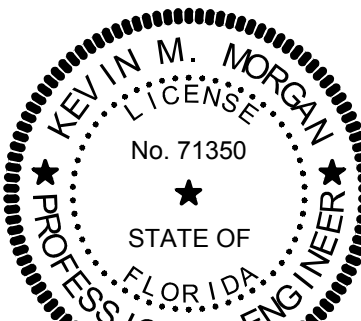
Rev	Date	Drawn	Description	Ch'k'd	App'd
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130	6+00	7+00	8+00	9+00	10+00	11+00	130
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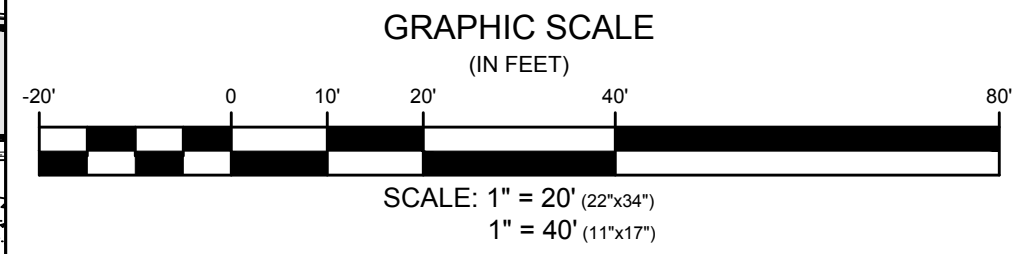
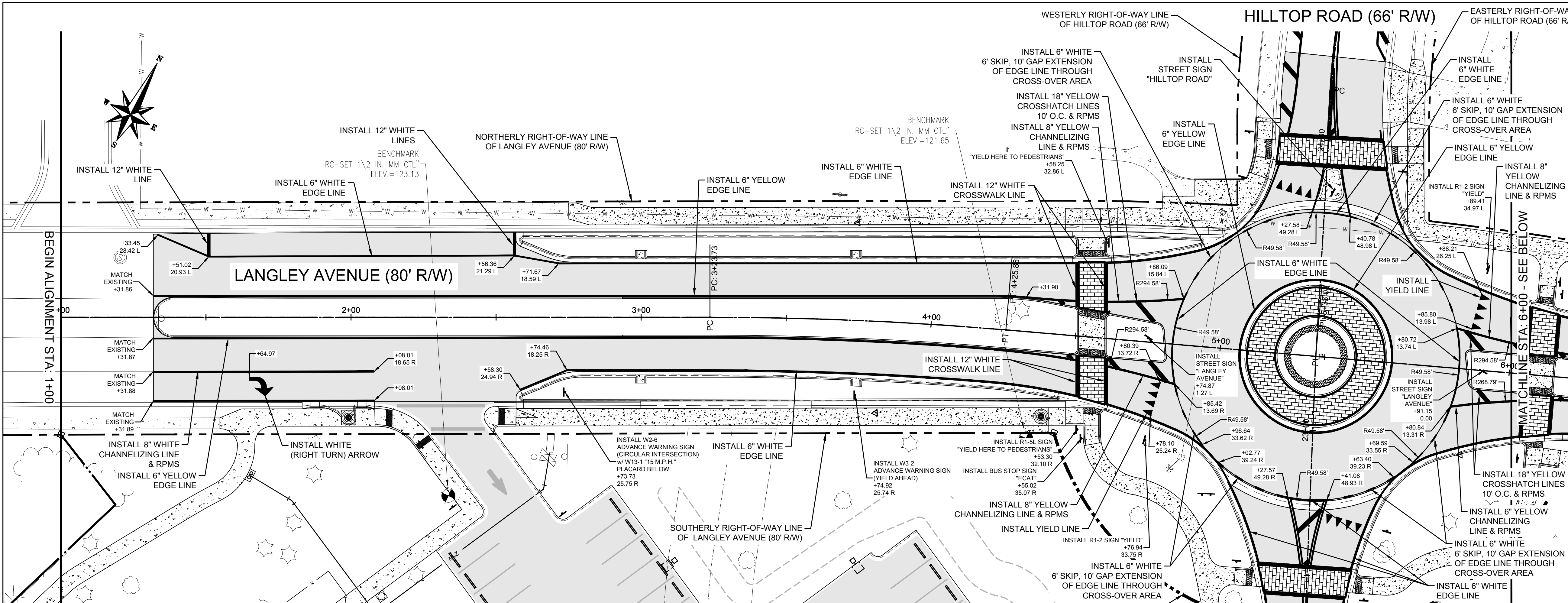
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<p>ISSUE FOR BID</p> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 20px;"> <div> <p>Kevin M. Morgan, P.E.</p> <p>Florida License No. 71350</p> <p style="margin-top: 40px;">_____</p> <p>Date</p> </div> <div style="text-align: center;">  </div> </div>					
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Designed	G. EDWARDS		Eng check	K. MORGAN	
Drawn	G. EDWARDS		Coordination	N. TUCKER	
Dwg check			Approved	K. MORGAN	
Scale at ANSI D <div style="font-size: 24px; font-weight: bold; margin-top: 10px;">1:20</div>		Status <div style="font-size: 24px; font-weight: bold; margin-top: 10px;">PRE</div>		Rev <div style="font-size: 24px; font-weight: bold; margin-top: 10px;">P1</div>	
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Drawing Number					

C-007

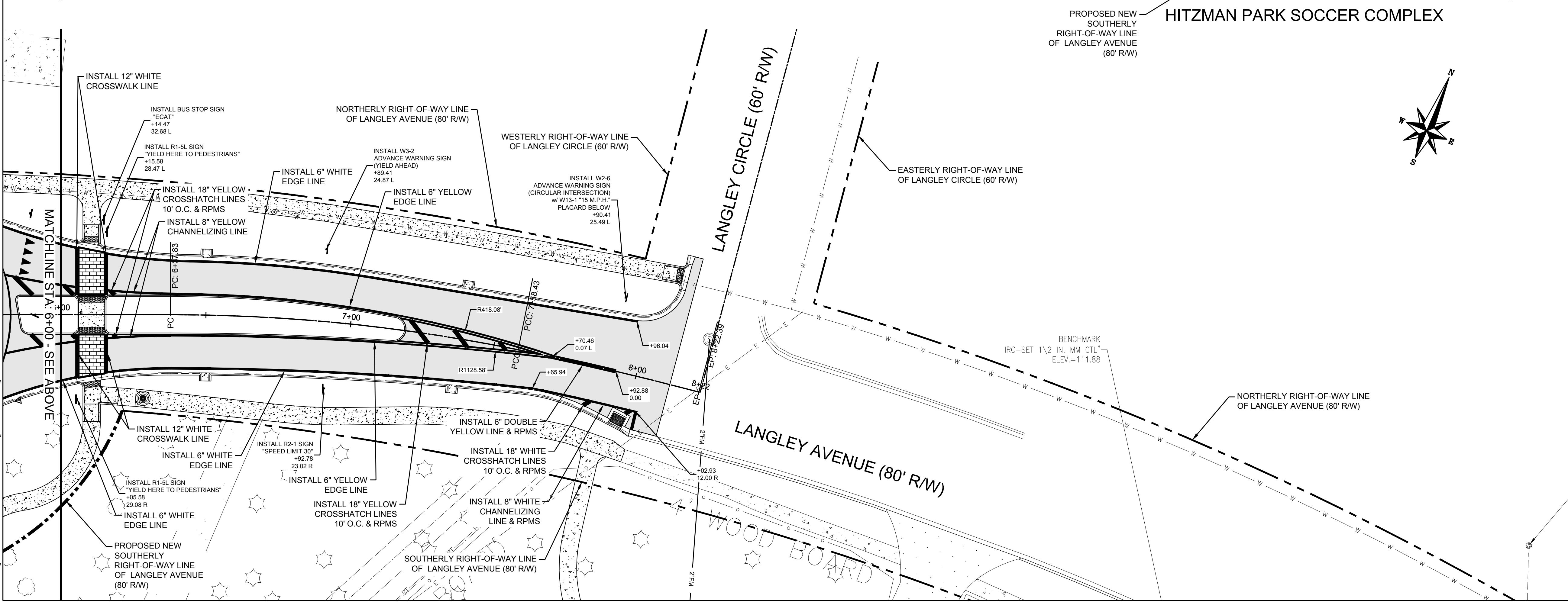
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Client

City of Pensacola

Title

Langley Avenue Roundabout

LANGLEY AVENUE MARKINGS & SIGNAGE
PLAN

ISSUE FOR BID

Kevin M. Morgan, P.E.
Florida License No. 71350

DATE

Project Number

100054-004

B/O

Total

Designed

G. EDWARDS

Eng check

K. MORGAN

Drawn

G. EDWARDS

Coordination

N. TUCKER

Dwg check

Approved

K. MORGAN

Scale at ANSI D

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Status

PRE

Rev

P1

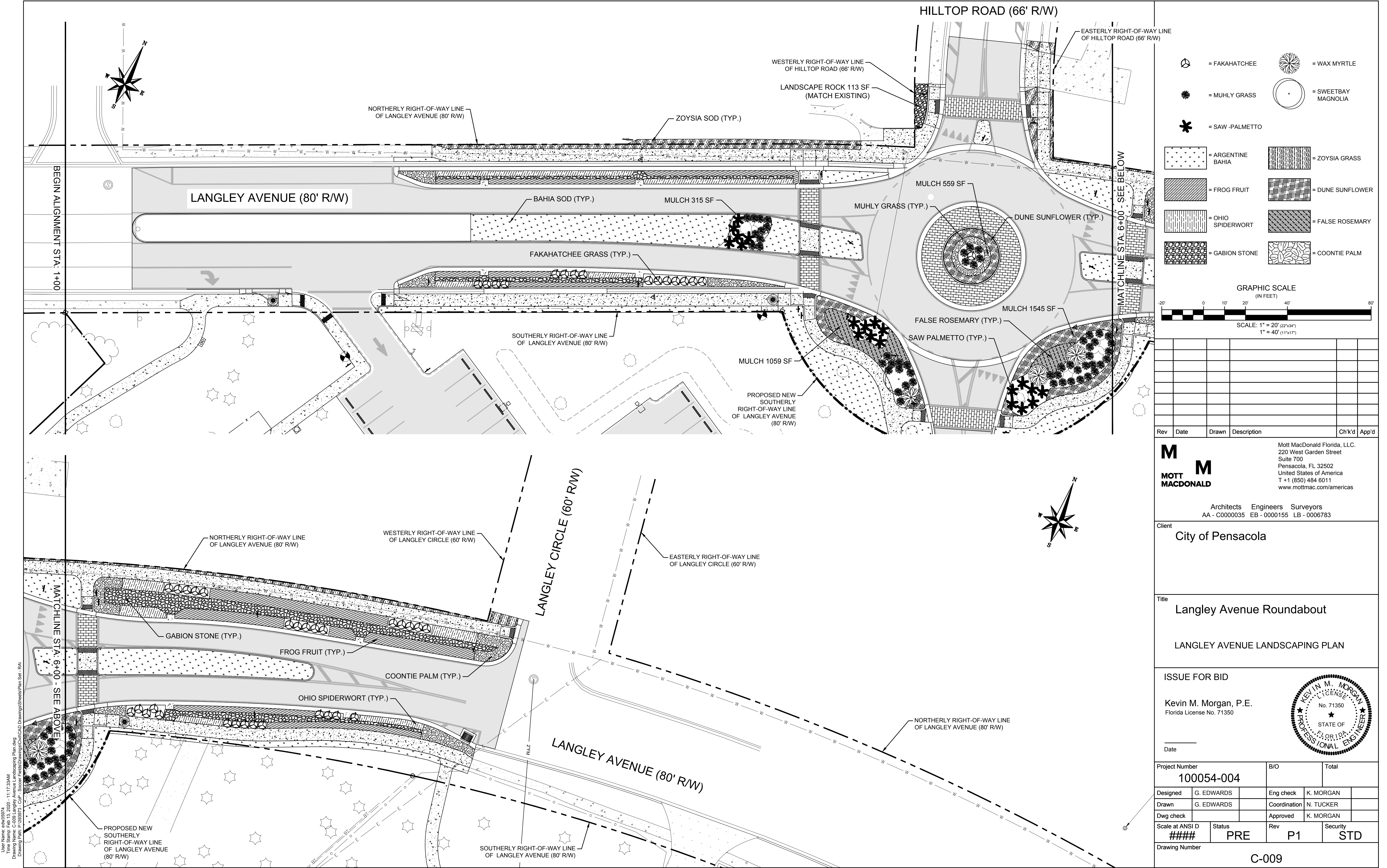
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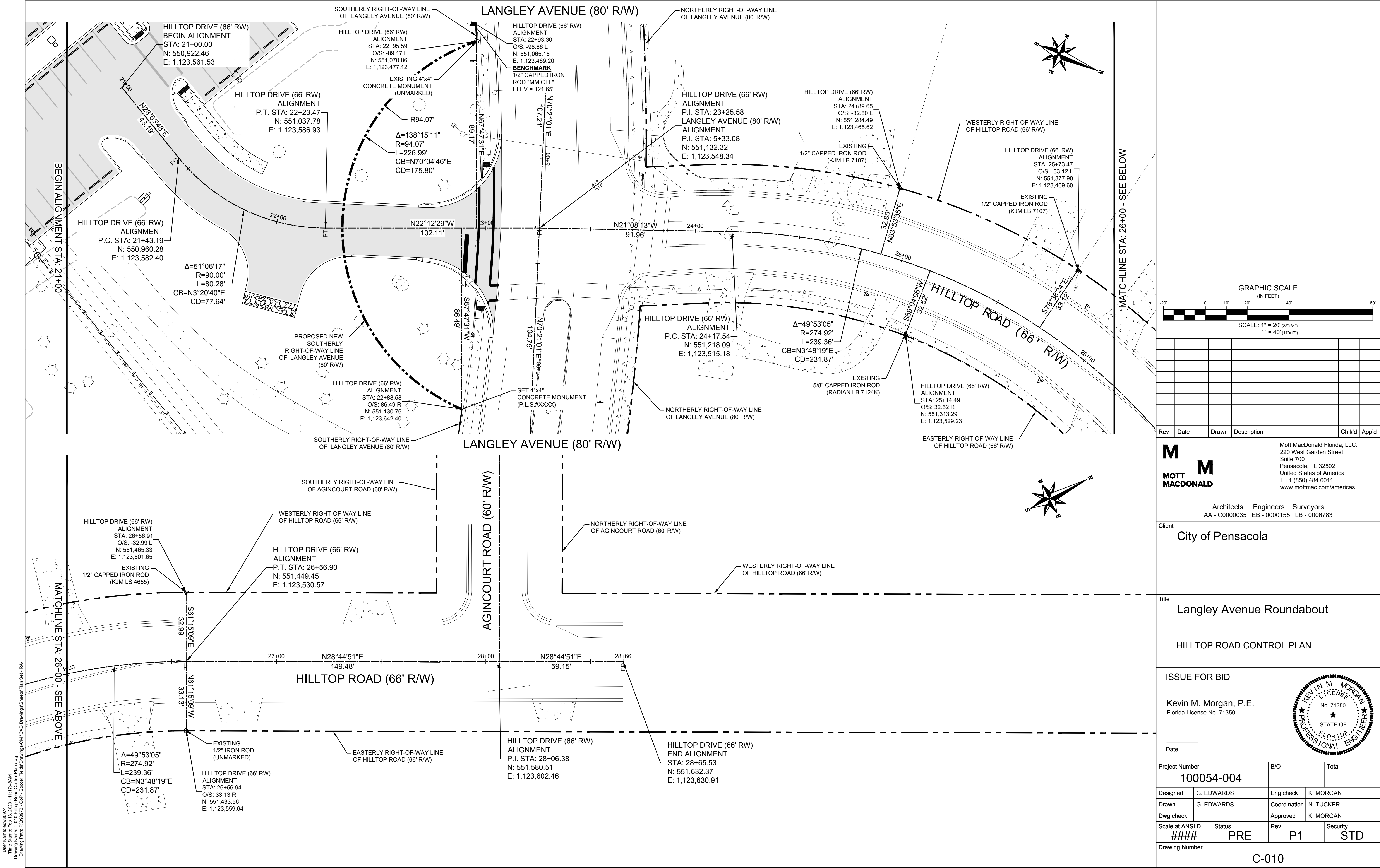
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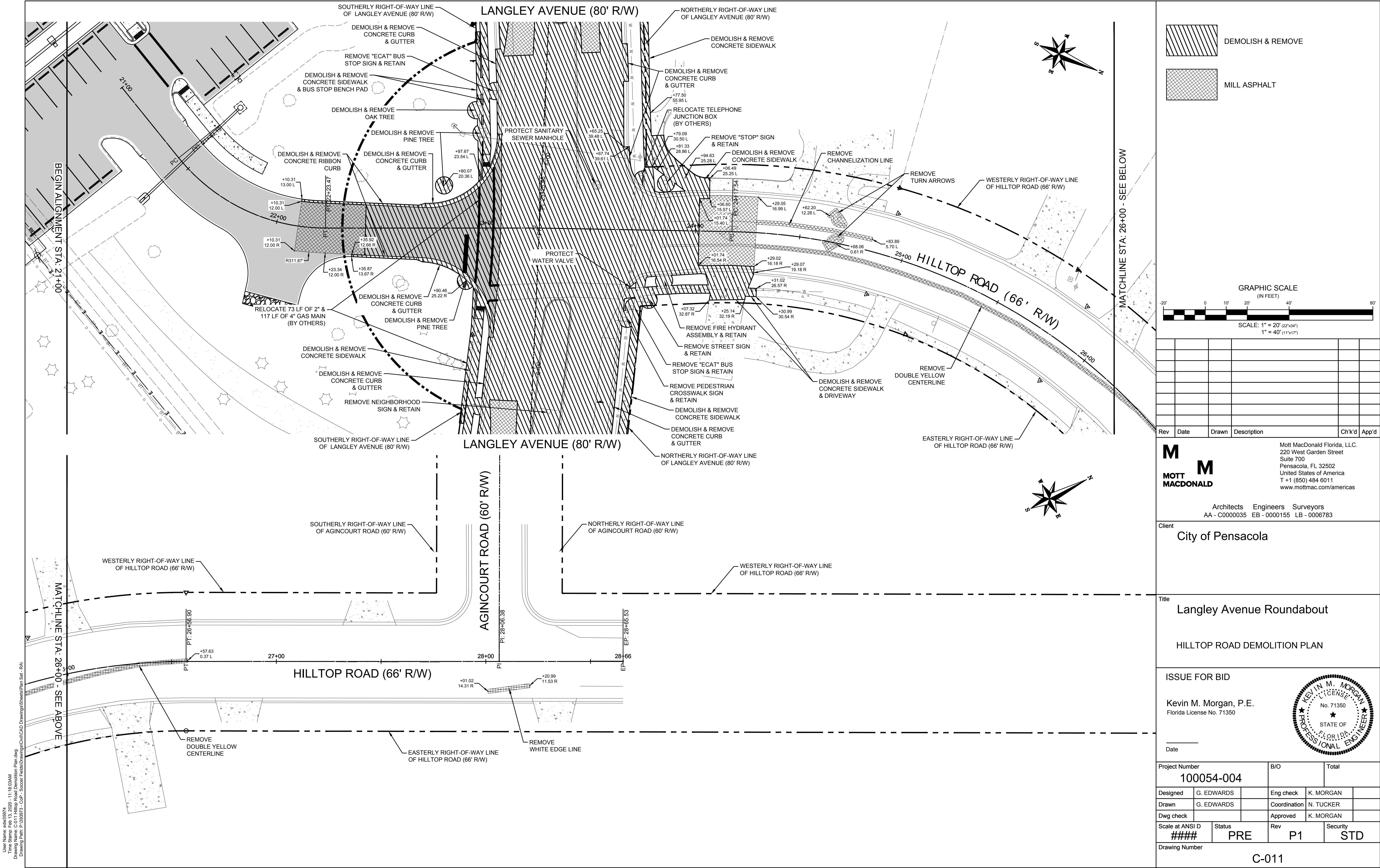
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C-008

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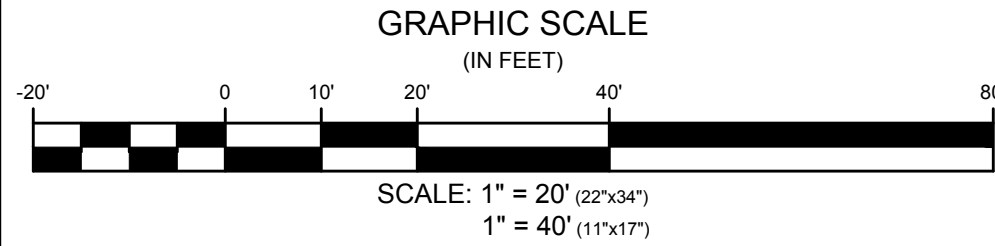






DEMOLISH & REMOVE

MILL ASPHALT



Rev	Date	Drawn	Description	Ch	k'd	App'd
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Client
City of Pensacola

Title
Langley Avenue Roundabout

HILLTOP ROAD DEMOLITION PLAN

ISSUE FOR BID

Kevin M. Morgan, P.E.
Florida License No. 71350

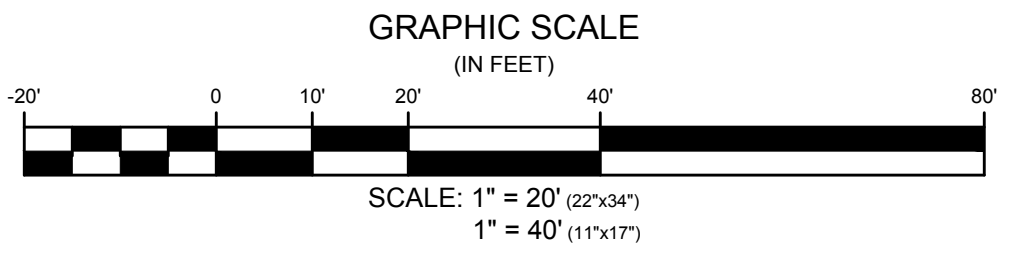
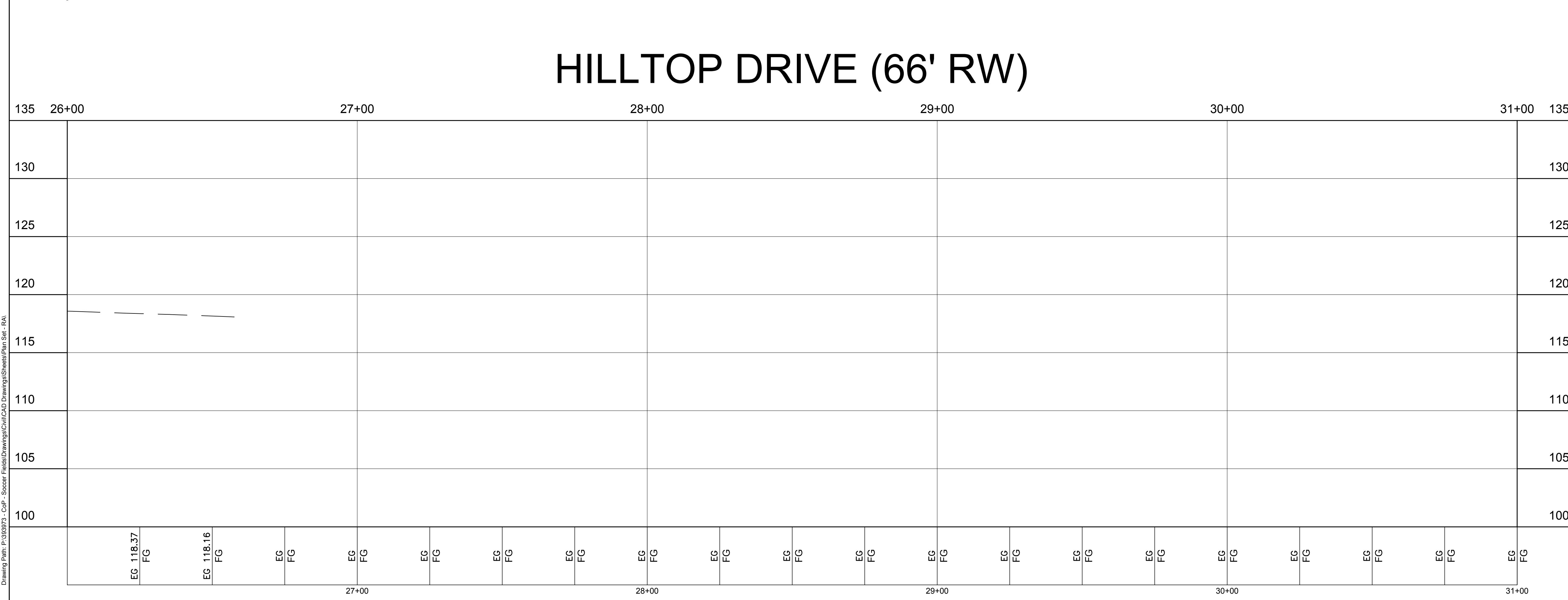
KEVIN M. MORGAN
P.E.
No. 71350
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

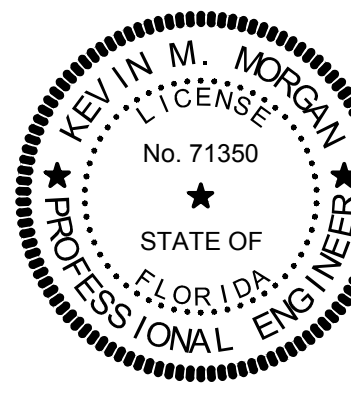
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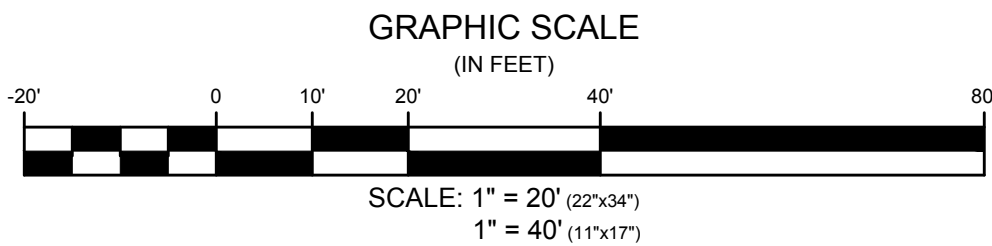
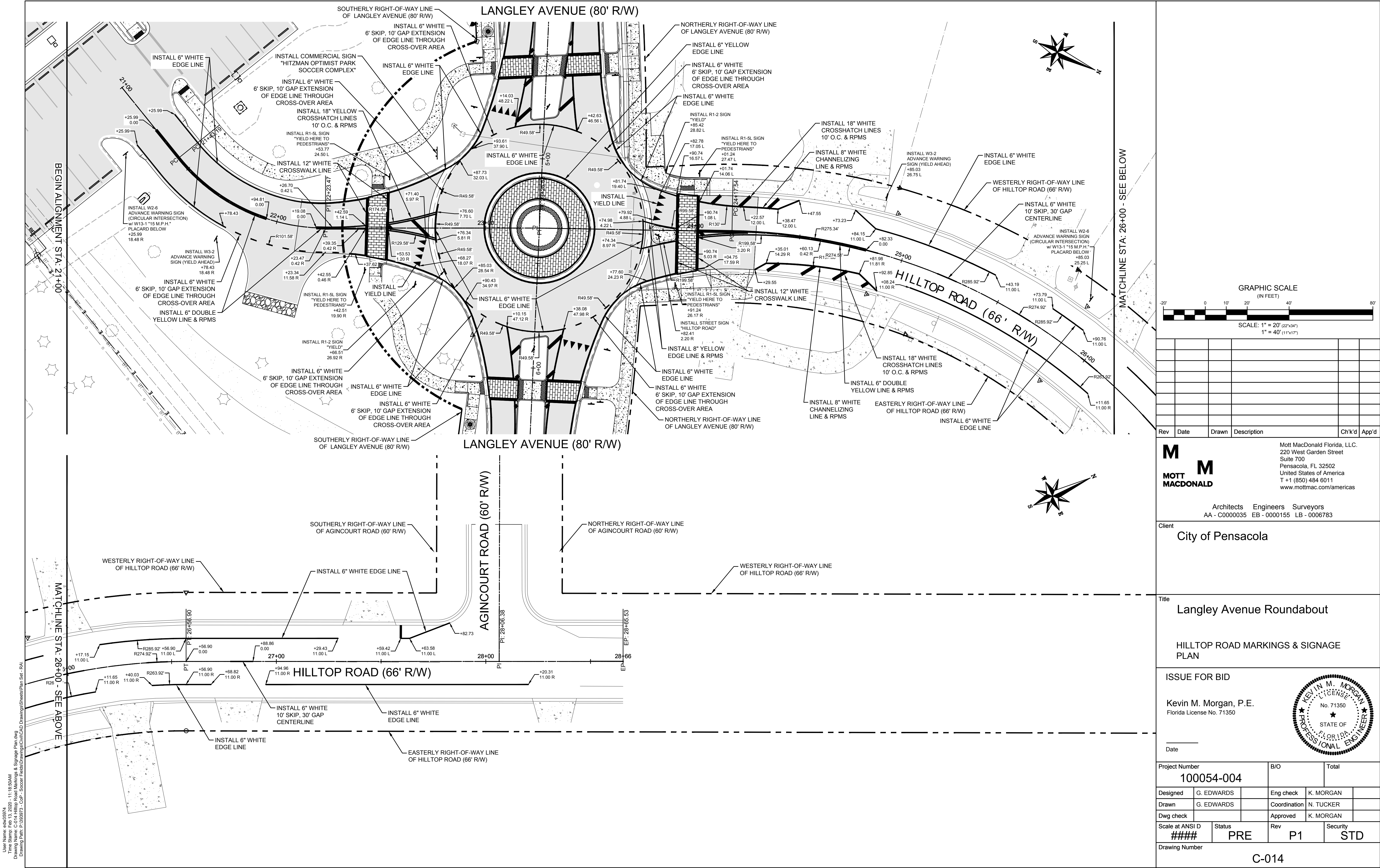
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Designed	G. EDWARDS	Eng check	K. MORGAN		
Drawn	G. EDWARDS	Coordination	N. TUCKER		
Dwg check		Approved	K. MORGAN		
Scale at ANSI D ####	Status PRE	Rev P1	Security STD		
Drawing Number					

C-011

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Time Stamp: Feb 13, 2020 - 11:18:03AM
Drawing Name: C-011 Hilltop Road Demolition Plan.dwg
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<div style="display: flex; justify-content: space-around; font-weight: bold; font-size: 0.9em;"> Architects Engineers Surveyors </div> <div style="display: flex; justify-content: space-around; font-weight: bold; font-size: 0.8em;"> AA - C0000035 EB - 0000155 LB - 0006783 </div>													
<div style="border-bottom: 1px solid black; margin-bottom: 5px;">Client</div> <div style="font-size: 1.2em; font-weight: bold; padding: 5px;">City of Pensacola</div>													
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<div style="border-bottom: 1px solid black; margin-bottom: 5px;">Description</div> <div style="padding: 5px;"> HILLTOP ROAD PLAN & PROFILE STA. 26+00 TO END </div>													
<div style="border-bottom: 1px solid black; margin-bottom: 5px;">Issue For Bid</div> <div style="padding: 5px;"> Kevin M. Morgan, P.E. Florida License No. 71350 </div>													
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Rev	Date	Drawn	Description	Ch'k'd	App'd
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Client

City of Pensacola

Title

Langley Avenue Roundabout

HILLTOP ROAD MARKINGS & SIGNAGE
PLAN

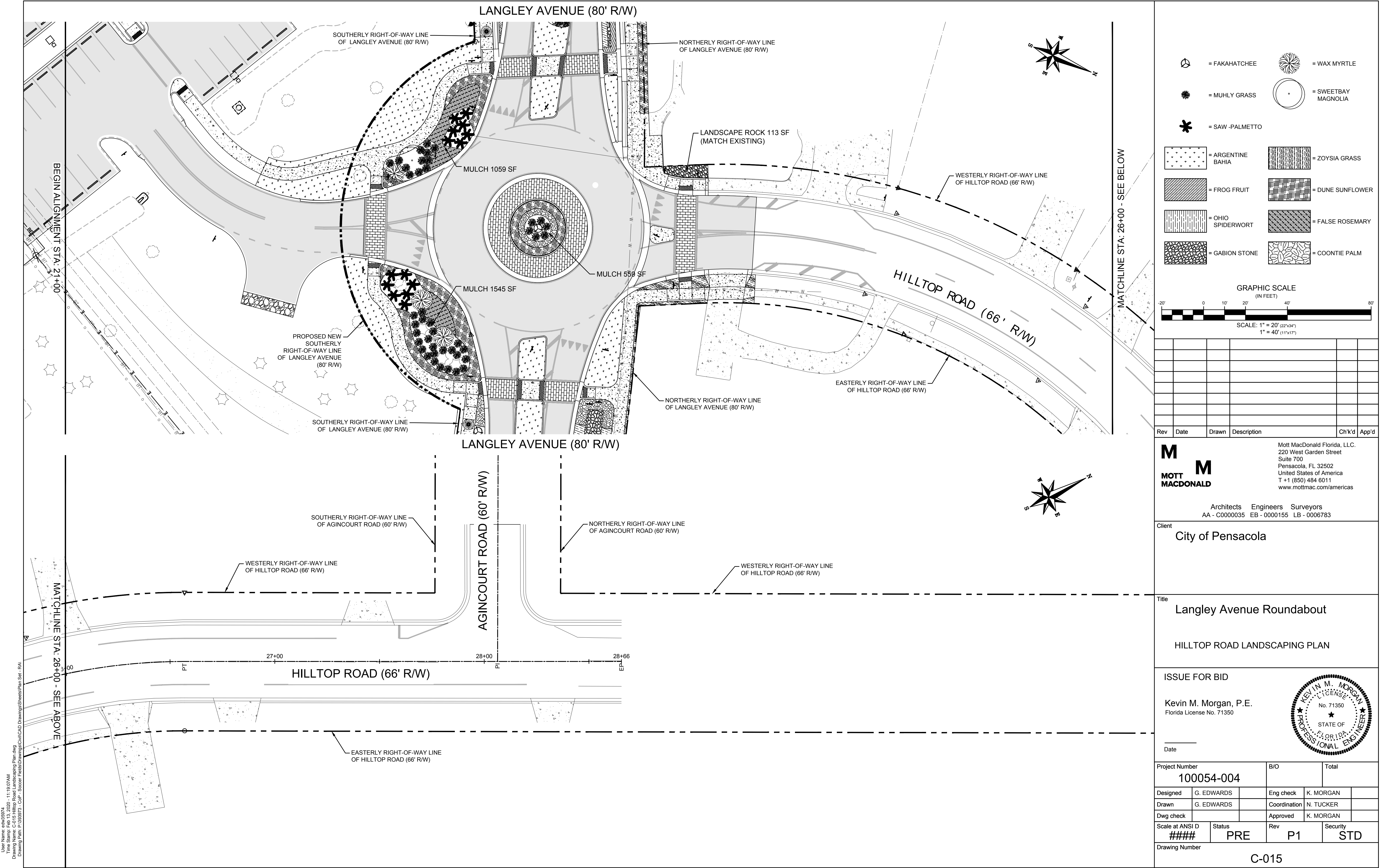
ISSUE FOR BID

Kevin M. Morgan, P.E.
Florida License No. 71350

Date

KEVIN M. MORGAN
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PROFESSIONAL ENGINEER

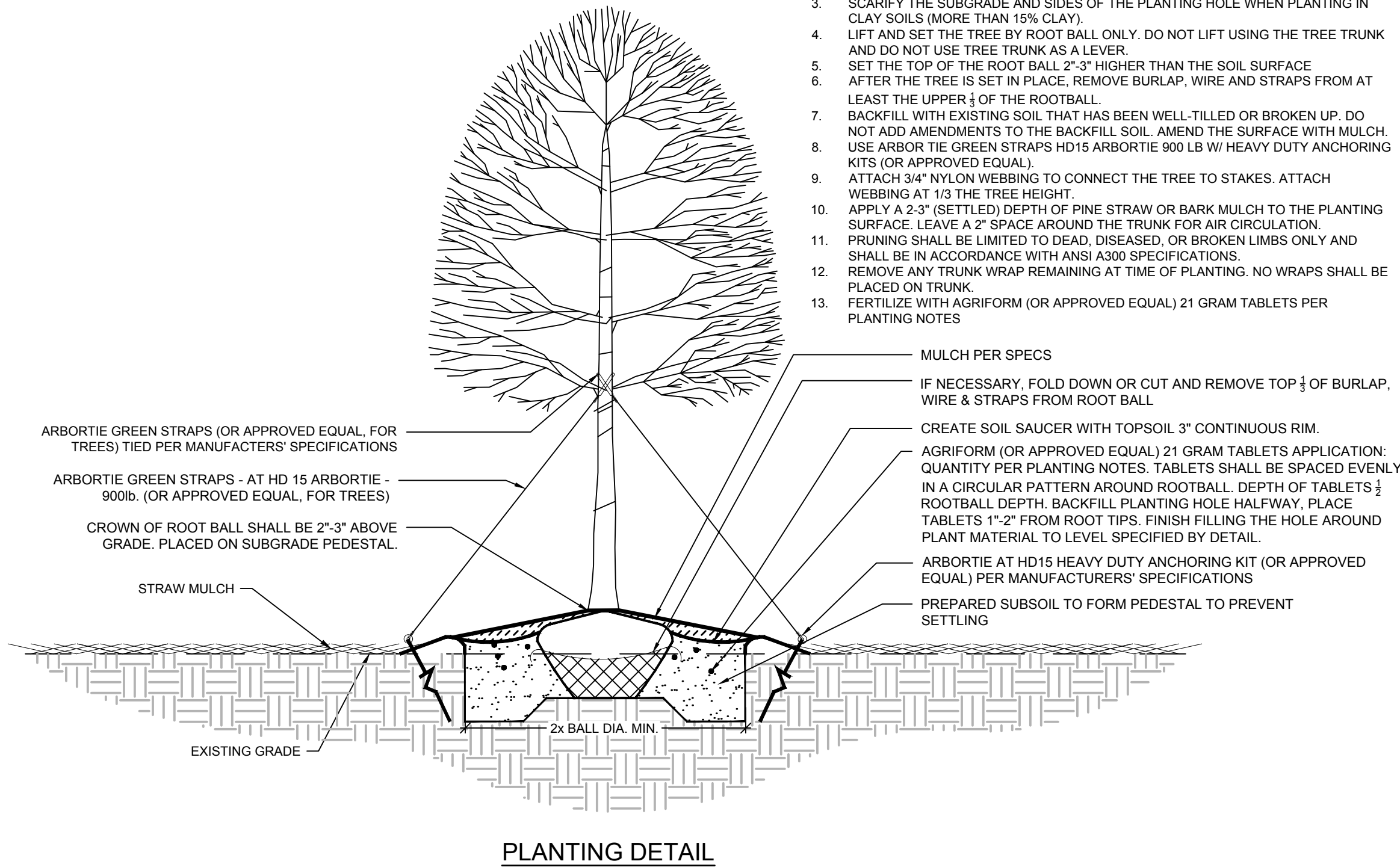
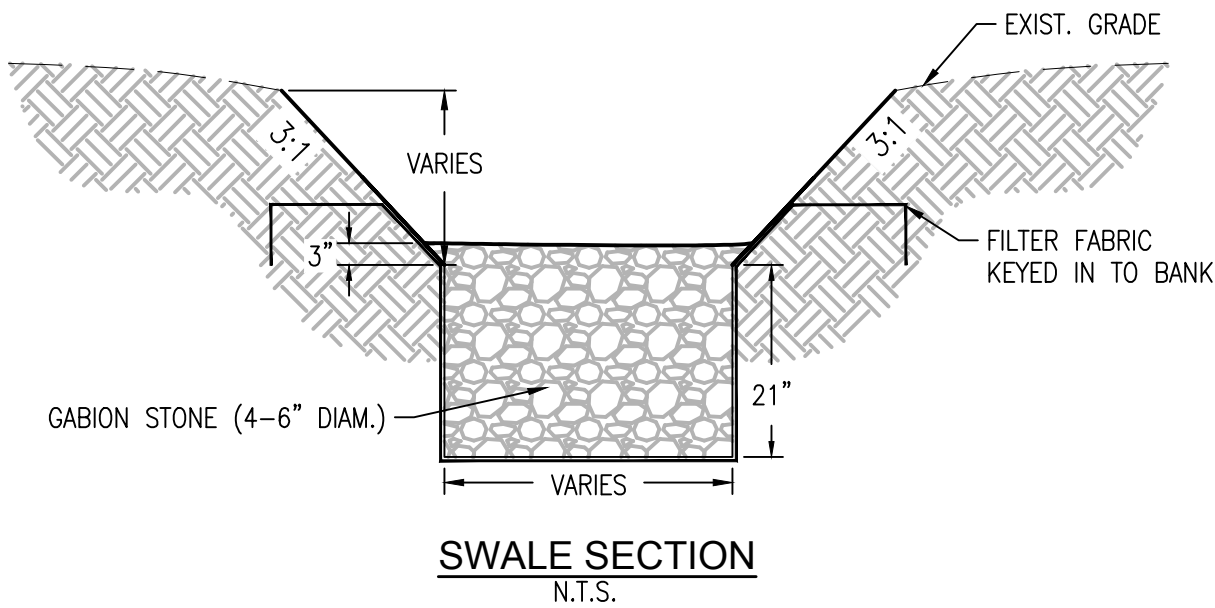
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Dwg check			Approved	K. MORGAN		
Scale at ANSI D ####		Status PRE	Rev P1		Security STD	
Drawing Number						



IRRIGATION NOTES

1. PERMANENT IRRIGATION SHALL BE INSTALLED FOR ALL LANDSCAPE (INCLUDING TURF) SHOWN ON THE PLANS. AS LONG AS IRRIGATION COVERAGE IS COMPLETE, THE CONTRACTOR/IRRIGATION INSTALLER SHALL BE ALLOWED TO DETERMINE THE MOST EFFECTIVE METHOD OF PROVIDING IRRIGATION COVERAGE UTILIZING SPRAY HEADS, RISERS, DRIP, AND BUBBLERS. THE CONTRACTOR SHALL USE THE EXISTING IRRIGATION WELL AS THE IRRIGATION SOURCE. A LOCKABLE CABINET CONTROLLER SHALL BE PROVIDED BY THE CONTRACTOR AND ITS LOCATION DETERMINED IN CONJUNCTION WITH THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
2. THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED AS A DESIGN-BUILD PORTION OF THE WORK PERFORMED BY THE CONTRACTOR. THE SYSTEM MUST BE DESIGNED/ZONED SO THAT ALL IRRIGATION CAN OCCUR BETWEEN THE HOURS OF 1:00 A.M. AND 7:00 A.M.
3. THE CONTRACTOR SHALL FURNISH THE OWNER'S REPRESENTATIVE WITH SHOP DRAWINGS AND SCHEMATIC DESIGN PLANS INDICATING FULL COVERAGE OF IRRIGATED AREAS. THE SHOP DRAWINGS MUST INCLUDE PROPOSED SLEEVEING LOCATIONS/SIZES. ALL TREES SHALL HAVE 2 BUBBLERS, AND ALL AZALEAS SHALL HAVE ONE BUBBLER, THAT ARE PLACED ON BUBBLER-ONLY ZONES THAT ARE SEPARATE FROM THE OTHER IRRIGATION ZONES. INSTALLATION SHALL NOT COMMENCE UNTIL THE SHOP DRAWINGS ARE APPROVED BY THE OWNER'S REPRESENTATIVE.
4. PERMANENT SLEEVES SHALL BE INSTALLED BY THE CONTRACTOR AS NECESSARY. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ALL BORINGS AND CASINGS, AS NEEDED. THE CONTRACTOR IS RESPONSIBLE, AT THEIR EXPENSE, TO REPAIR ANY AND ALL DAMAGE CAUSED TO ANY ROADWAY OR ANY/ALL OTHER AREAS, OR UTILITIES AS A RESULT OF THE BORINGS OR ANY OTHER IRRIGATION WORK.
5. THE INSTALLER SHALL BE EXPECTED TO MAKE IRRIGATION SYSTEM FIELD ADJUSTMENTS ON THE SITE AS NEEDED, IN ORDER TO MAINTAIN COMPLETE AND ACCURATE IRRIGATION COVERAGE, AND TO MAINTAIN THE INTENT OF THE DESIGN. THE FINAL LOCATIONS FOR ALL MAJOR EQUIPMENT (AS APPLICABLE), INCLUDING CONTROLLERS, VALVES, WELLS, SUPPLY CONNECTIONS, MAINLINES, METERS, ETC. SHALL BE DETERMINED IN THE FIELD, STAKED OUT BY THE CONTRACTOR USING THEIR DRAWINGS AS A GUIDE, AND THEN APPROVED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
6. OVERSPRAY ONTO PARK AMENITIES AND ANY PAVED SURFACE IS NOT ALLOWED TO OCCUR. THE IRRIGATION SYSTEM SHALL BE INSTALLED IN SUCH A FASHION AND BE OF A TYPE THAT CAN BE ADJUSTED TO THROW IRRIGATION WATER AWAY FROM THE PARK AMENITIES AND ALL PAVED SURFACES.
7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH PREVAILING CODES AND REGULATIONS. IT SHALL BE THE RESPONSIBILITY OF THE INSTALLER TO VERIFY AND CONFORM TO THE PARTICULAR CODES FOR THIS LOCATION. THE INSTALLER SHALL OBTAIN ALL NECESSARY PERMITS (INCLUDING THOSE FOR BORES, AND ANY WATER LINE TAPS), UTILITY LOCATES, AND INSPECTIONS.
8. ALL WORK SHALL BE CLOSELY COORDINATED WITH THAT OF OTHER TRADES IN ORDER TO AVOID CONFLICTS. THE INSTALLATION SHALL BE COORDINATED WITH ALL NEW AND EXISTING IMPROVEMENTS, AND WITH THE ACTUAL INSTALLED BED LIMITS, AND PLANT LOCATIONS.
9. ALL MATERIAL AND LABOR NECESSARY TO PROVIDE A COMPLETE, FULLY OPERATIONAL, AND GUARANTEED SYSTEM SHALL BE CONSIDERED PART OF THE WORK, WHETHER OR NOT THEY ARE SPECIFICALLY INDICATED IN THE SUBMITTED DOCUMENTS. THIS SHALL INCLUDE CONFORMANCE WITH THE REQUIREMENTS AND RECOMMENDATIONS OF THE VARIOUS MANUFACTURERS OF THE EQUIPMENT, AND WITH APPLICABLE TRAINING AND CERTIFICATION OF INSTALLATION PERSONNEL.
10. METALLIC LOCATOR/WARNING TAPE SHALL BE BURIED ABOVE ALL WIRING AND PIPING.
11. VALVE BOXES SHALL BE TAMPER-RESISTANT TYPE.
12. ALL SPRINKLER HEADS SHALL BE OF THE PROPER SIZE AND TYPE FOR THE LOCATION AND PLANT MATERIAL. HEADS SHALL BE INSTALLED PLUMB, AND WITH THE PROPER HEIGHT WITH RESPECT TO GRADE AND/OR PLANT MATERIAL. ALL HEADS AND OTHER EQUIPMENT SHALL BE INSTALLED WITH ADEQUATE AND UNIFORM CLEARANCES FROM ALL PAVING, CURBS, SIDEWALKS, WALLS, AND OTHER OBSTACLES, SO THAT DAMAGE TO EQUIPMENT DOES NOT OCCUR DURING NORMAL LANDSCAPE MAINTENANCE OPERATIONS. ALL SPRINKLERS SHALL BE ADJUSTED TO OBTAIN OPTIMAL COVERAGE OF PLANT MATERIAL, WHILE ELIMINATING OVERSPRAY ONTO WALLS, PARK AMENITIES, PAVING OR OTHER IMPERVIOUS SURFACES. THE INSTALLER SHALL UTILIZE THE PROPER SPRAY NOZZLE PATTERN FOR THE LOCATION, AS WELL AS PRESSURE-COMPENSATING HEADS OR SCREENS, AND ADJUSTABLE-PATTERN NOZZLES WHERE A FIXED PATTERN IS NOT SUITABLE TO CONTROL COVERAGE OR OVERSPRAY.
13. CONTROLLER(S) SHALL BE HOOKED UP BY A LICENSED ELECTRICIAN.
14. THE CONTROLLER(S) SHALL BE EQUIPPED WITH A PROPERLY LOCATED AND INSTALLED RAIN SHUTOFF SENSOR DEVICE THAT COMPLIES WITH FLORIDA LAW. THE SENSOR(S) SHALL BE LOCATED IN SUCH A MANNER SO THAT THEY ARE UNOBSTRUCTED, AND DIRECTLY EXPOSED TO NATURAL RAINFALL AND SUNLIGHT FROM ALL DIRECTIONS, BUT NOT TO RUNOFF WATER FROM DITCHES OR OTHER SURFACES.

15. THE MINIMUM SUPPLY REQUIREMENTS FOR THE SYSTEM SHALL BE DETERMINED BY THE CONTRACTOR AND STATED ON THE DESIGN-BUILD PLANS AND SHOP DRAWINGS.
16. THE INSTALLER SHALL BE EXPECTED TO BE FAMILIAR WITH ALL REQUIREMENTS FOR THE WORK, AND TO CONDUCT THE WORK IN A CLEAN, SAFE, AND WORKMANLIKE MANNER. THE OWNER RESERVES THE RIGHT TO ACT TO PROTECT HIS PROPERTY AND THE OTHER PERSONNEL AT WORK THERE, AND TO MAKE EMERGENCY REPAIRS OR TAKE CORRECTIVE ACTION IF THE INSTALLER DOES NOT FULFILL HIS OBLIGATIONS IN A TIMELY MANNER. THE OWNER FURTHER RESERVES THE RIGHT TO BACK-CHARGE THE INSTALLER TO COVER SUCH EXPENSES, TO THE EXTENT ALLOWED UNDER APPLICABLE LAW.
17. THE INSTALLER SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE FOR PROVISION OF ELECTRIC SERVICE REQUIREMENTS.
18. ANY EXISTING IRRIGATED AREAS THAT ARE ADJACENT TO THE NEW CONSTRUCTION MUST REMAIN UNDISTURBED AND FULLY FUNCTIONAL. ANY DISRUPTION BY THE CONTRACTOR TO THE EXISTING IRRIGATION COVERAGE MUST BE CORRECTED BY THE CONTRACTOR AT THEIR EXPENSE.
19. THE LANDSCAPE CONTRACTOR SHALL SUPPLY THE OWNER'S REPRESENTATIVE WITH DETAILED AND PROPERLY SCALED IRRIGATION AS-BUILT DRAWINGS IN ACAD FORMAT (2010 VERSION OR LATER) WITHIN 30 DAYS OF PROJECT ACCEPTANCE. THE AS-BUILTS MUST INCLUDE ALL SYSTEM COMPONENTS AND THEIR SIZES.



- NOTES: TREE PLANTING (<2\"CAL
1. ALL PLANT MATERIALS SHALL BE IN ACCORDANCE WITH THE AMERICAN STANDARDS FOR NURSERY STOCK (ANSI 60.1-2004). PLANT ACCORDING TO ANSI A300 PART 6.
2. DIG THE PLANTING HOLE A MINIMUM OF 2x WIDTH OF ROOTBALL. FOR AT LEAST THE FIRST 12 INCHES OF BELOW 12 INCHES. DIG HOLE WIDE ENOUGH TO PERMIT ADJUSTING. DO NOT DIG THE HOLE DEEPER THAN ROOT BALL DEPTH.
3. SCARIFY THE SUBGRADE AND SIDES OF THE PLANTING HOLE WHEN PLANTING IN CLAY SOILS (MORE THAN 15% CLAY).
4. LIFT AND SET THE TREE BY ROOT BALL ONLY. DO NOT LIFT USING THE TREE TRUNK AND DO NOT USE TREE TRUNK AS A LEVER.
5. SET THE TOP OF THE ROOT BALL 2\"-3\" HIGHER THAN THE SOIL SURFACE.
6. AFTER THE TREE IS SET IN PLACE, REMOVE BURLAP, WIRE AND STRAPS FROM AT LEAST THE UPPER 1/3 OF THE ROOTBALL.
7. BACKFILL WITH EXISTING SOIL THAT HAS BEEN WELL-TILLED OR BROKEN UP. DO NOT ADD AMENDMENTS TO THE BACKFILL SOIL. AMEND THE SURFACE WITH MULCH.
8. USE ARBORTIE GREEN STRAPS HD15 ARBORTIE 900 LB W/ HEAVY DUTY ANCHORING KITS (OR APPROVED EQUAL).
9. ATTACH 3/4\" NYLON WEBBING TO CONNECT THE TREE TO STAKES. ATTACH WEBBING AT 1/3 THE TREE HEIGHT.
10. APPLY A 2-3\" (SETTLED) DEPTH OF PINE STRAW OR BARK MULCH TO THE PLANTING SURFACE. LEAVE A 2\" SPACE AROUND THE TRUNK FOR AIR CIRCULATION.
11. PRUNING SHALL BE LIMITED TO DEAD, DISEASED, OR BROKEN LIMBS ONLY AND SHALL BE IN ACCORDANCE WITH ANSI A300 SPECIFICATIONS.
12. REMOVE ANY TRUNK WRAP REMAINING AT TIME OF PLANTING. NO WRAPS SHALL BE PLACED ON TRUNK.
13. FERTILIZE WITH AGRIFORM (OR APPROVED EQUAL) 21 GRAM TABLETS PER PLANTING NOTES

PLANT SCHEDULE								
TREES								
CODE	QTY	UNIT	BOTANICAL NAME	COMMON NAME	CONTAINER	SPECIFICATIONS	SPACING	SPREAD
MV	1	EACH	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	45 GAL	10'-12' HT.	VARIES	8'-10'
MC	3	EACH	MYRICA CERIFERA	WAX MYRTLE	45 GAL	8'-10' HT.	VARIES	6'-8'
GROUND COVER								
CODE	QTY	UNIT	BOTANICAL NAME	COMMON NAME	CONTAINER	SPECIFICATIONS	SPACING	SPREAD
TF	45	EACH	TRIPSACUM FLORIDANUM	FAKAHATCHEE	3 GAL	10"	48" O.C.	N/A
MG	52	EACH	MUHLENBERGIA CAPILLARIS	MUHLY GRASS	3 GAL	10"	48" O.C.	N/A
SR	20	EACH	SERENOA REPENS	SAW PALMETTO	3 GAL	10"	48" O.C.	N/A
ZP	117	EACH	ZAMIA PUMILA	COONTIE PALM	3 GAL	10"	36" O.C.	N/A
HD	75	EACH	HELIANTHUS DEBILIS	DUNE SUNFLOWER	1 GAL	6"	48" O.C.	N/A
CC	85	EACH	CONRADINA CANESCENS	FALSE ROSEMARY	1 GAL	6"	30" O.C.	N/A
PN	614	EACH	PHYLA NODIFLORA	FROG FRUIT	1 GAL	6"	24" O.C.	N/A
TO	286	EACH	TRADESCANTIA OHIENSIS	OHIO SPIDERWORT	1 GAL	6"	24" O.C.	N/A
SOD								
CODE	QTY	UNIT	BOTANICAL NAME	COMMON NAME	CONTAINER	SPECIFICATIONS	SPACING	SPREAD
PN	980	SY	PASPALUM NOTATUM	ARGENTINE BAHIA	N/A	SOD	N/A	N/A
ZO	161	SY	ZOYSIA SPP.	ZOYSIA GRASS	N/A	SOD	N/A	N/A
LR	14	SY	LANDSCAPING ROCK					
G	175	TON	GABION STONE (4-6")					
M	387	SY	STRAW MULCH (NOTE:ALL AREAS TO BE MULCHED AS INDICATED IN PLANS.)					

Rev	Date	Drawn	Description	Ch'k'd	App'd
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Client
City of Pensacola

Title
Langley Avenue Roundabout

LANDSCAPING NOTES, TABLE & DETAILS

ISSUE FOR BID

Kevin M. Morgan, P.E.
Florida License No. 71350

Date

Project Number
100054-004

B/O

Total

Designed
G. EDWARDS

Eng check
K. MORGAN

Drawn
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Coordination
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Dwg check

Approved
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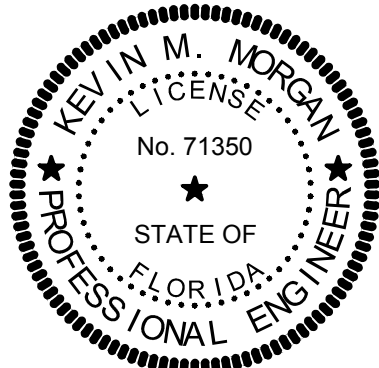
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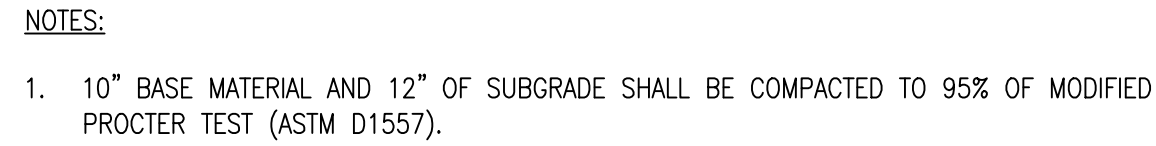
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PRE

Rev
P1

Security
STD

Drawing Number
C-016





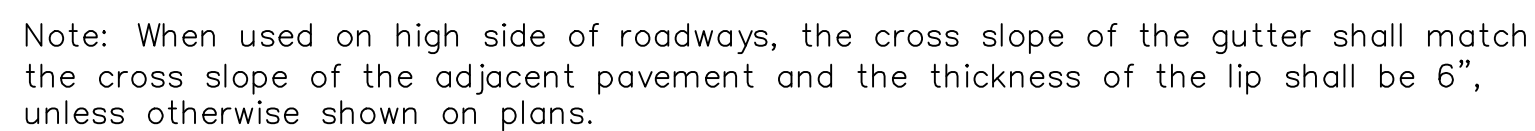
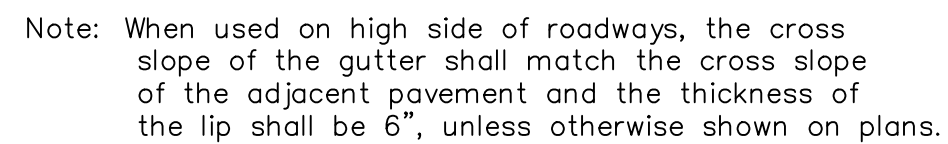
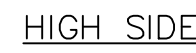
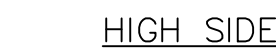
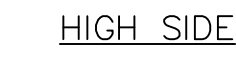
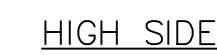
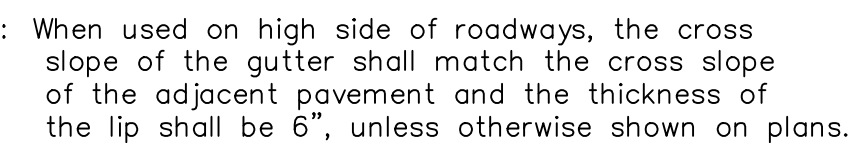
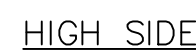
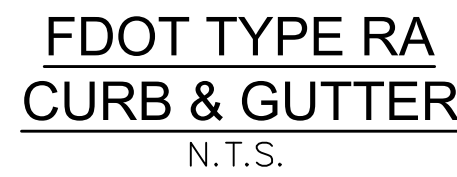
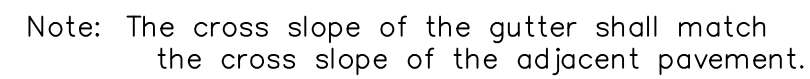
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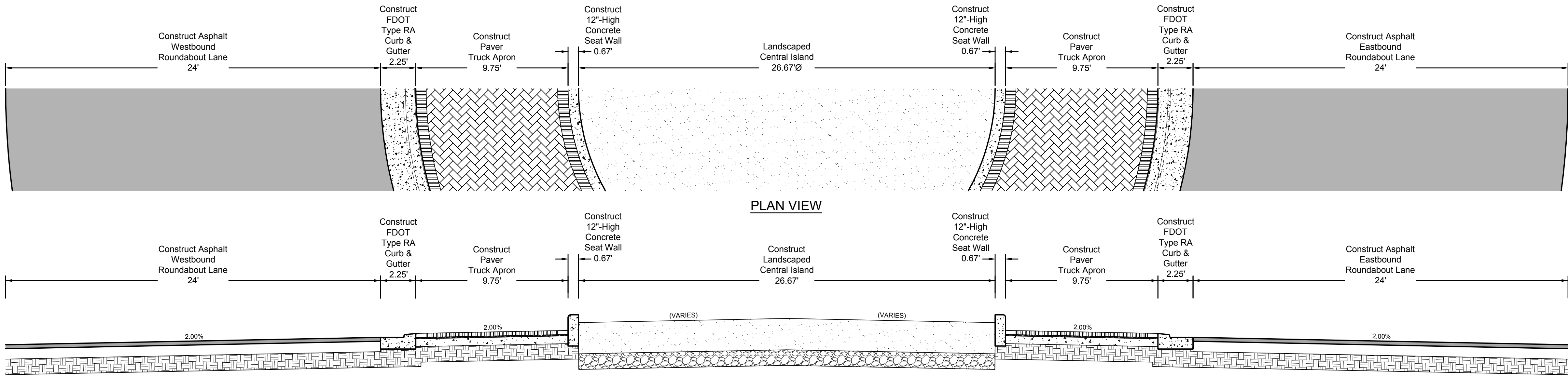
1. Sidewalks and Pedestrian Ramps shall conform with all ADA requirements.
2. Sidewalk widths throughout the Project area shall be 6 feet.
3. Sidewalk running slopes shall not exceed 5%.
4. Sidewalks, Pedestrian Ramps and Landings cross slopes shall not to exceed 2%.
5. Pedestrian Ramps shall have a minimum clear width of 36".
6. Pedestrian Ramp Landings shall be 6' wide x 5' long, level at top and bottom of all Pedestrian Ramps.
7. Pedestrian Ramps shall not exceed 1:12 slopes.
8. All Pedestrian Crossings shall have detectable warning devices.



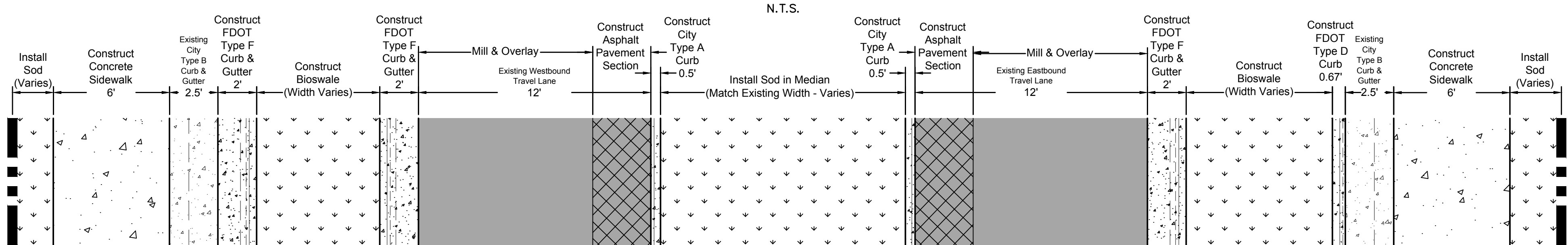
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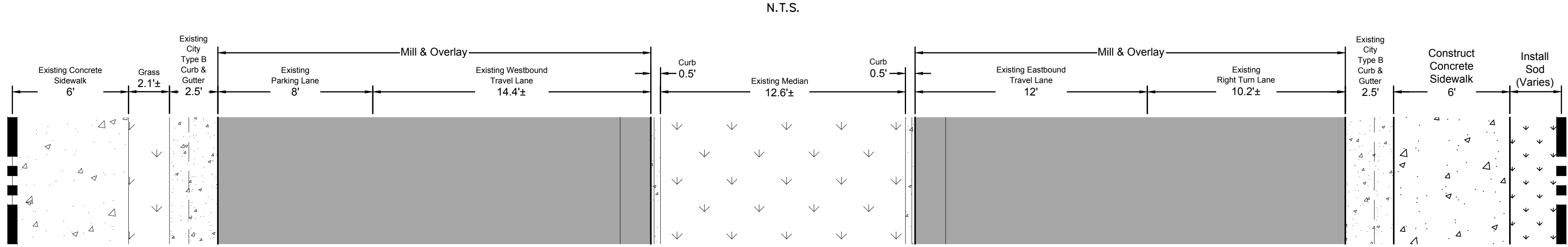
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Scale at ANSI D NTS		Status PRE		Rev P1		Security STD
Drawing Number						



TYPICAL ROUNDABOUT SECTION
STA. 4+47.86 to STA. 6+16.08



TYPICAL ROADWAY SECTION
STA. 2+56.86 to STA. 4+47.86



TYPICAL ROADWAY SECTION
STA. 1+31.89 to STA. 2+56.86

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City of Pensacola

Title
Langley Avenue Roundabout
LANGLEY AVENUE TYPICAL SECTIONS

ISSUE FOR BID

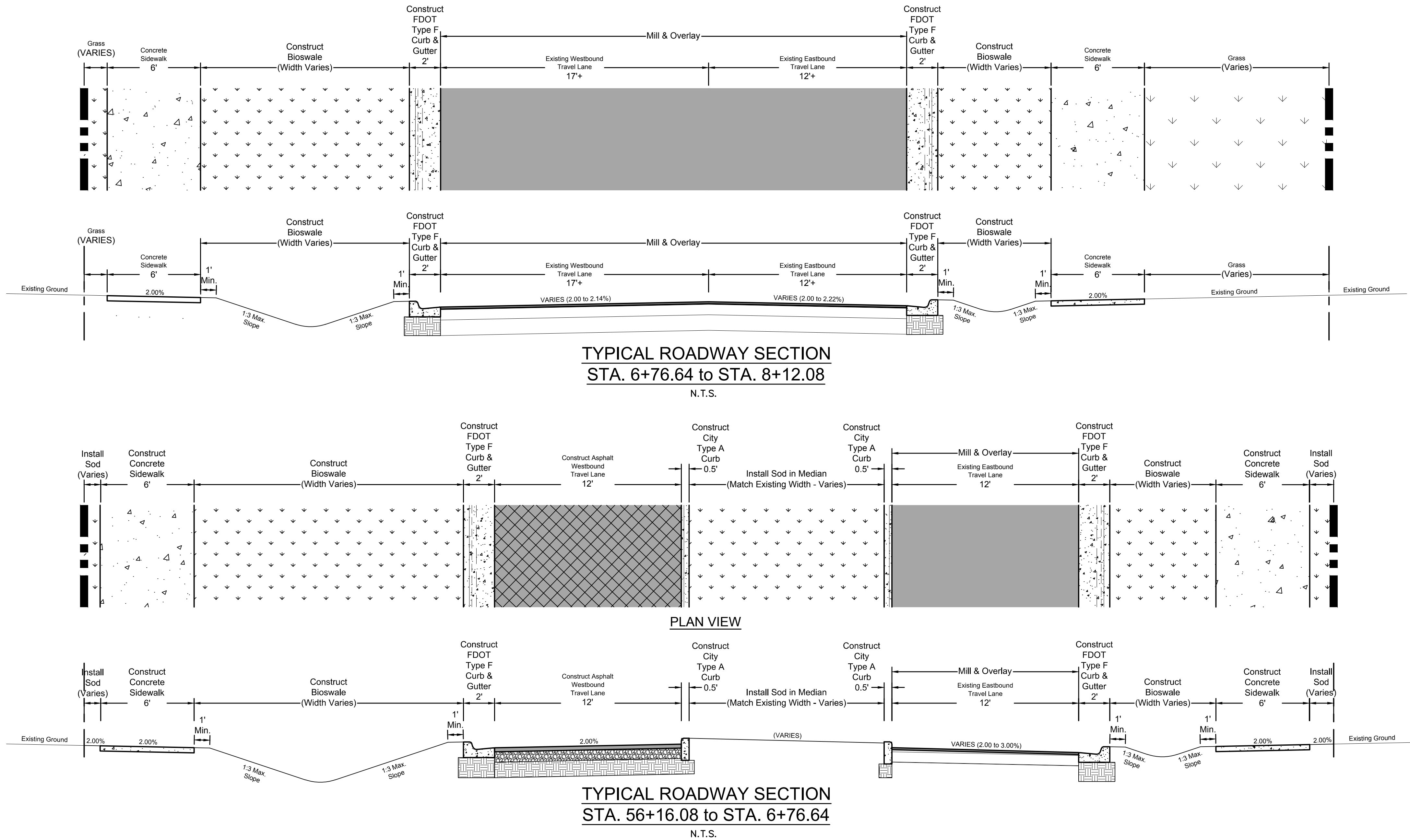
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KEVIN M. MORGAN
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LANGLEY AVENUE TYPICAL SECTIONS

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